

TABLE 2.4-5
VALIDATED RESULTS SUMMARY
FYNOP, 1425 EDEN ROAD, YORK, PA 17402

ANALYSIS	Final Qualifier	Validation Reason	Number of Analytes	Number of Samples
Volatile Organic Compounds				
VOC	J	Exceeding holding times.	76	15
VOC	UJ	Exceeding holding times.	633	18
Total			709	33
VOC	R	Initial calibration RRF result outside QC limits.	31	31
VOC	UJ	Initial calibration RRF result outside QC limits.	2	2
Total			33	33
VOC	UJ	Continuing calibration % difference outside QC limits.	18	14
VOC	J	Continuing calibration % difference outside QC limits.	2	2
Total			20	16
VOC	R	Continuing calibration RRF result outside QC limits.	19	19
Total			19	19
VOC	J	Method blank contamination.	86	74
VOC	U	Method blank contamination.	79	70
Total			165	144
VOC	J	Volatile trip blank contamination.	1	1
VOC	U	Volatile trip blank contamination.	128	114
VOC	UJ	Volatile trip blank contamination.	2	2
Total			131	117
VOC	R	Laboratory organic MS/MSD results outside QC limits.	1	1
VOC	UJ	Laboratory organic MS/MSD results outside QC limits.	49	12
VOC	J	Laboratory organic MS/MSD results outside QC limits.	28	16
Total			78	29
VOC	J	Laboratory control sample results outside QC limits.	18	15
VOC	R	Laboratory control sample results outside QC limits.	4	4
VOC	UJ	Laboratory control sample results outside QC limits.	234	130
Total			256	149
VOC	J	Field blank contamination.	9	3
VOC	U	Field blank contamination.	7	6
Total			16	9
Other				
1,4-Dioxane	J	Laboratory control sample results outside QC limits.	2	2
Total			2	2
Carbon Dioxide-Diss	J	Exceeding holding times.	4	4
Total			4	4
Hex Chrom	J	Exceeding holding times.	2	2
Hex Chrom	UJ	Exceeding holding times.	4	4
Total			6	6
Hex Chrom-Diss	J	Exceeding holding times.	3	2
Hex Chrom-Diss	UJ	Exceeding holding times.	2	3
Total			5	5
Metals	J	ICP serial dilution result outside QC limits.	2	2
Metals	U	Method blank contamination.	18	8
Total			20	10

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Metals MS-Diss	J	ICP serial dilution result outside QC limits.	2	2
Metals MS-Diss	U	Method blank contamination.	8	5
Total			10	7
NO3	J	Exceeding holding times.	14	14
Total			14	14
Sulfide	UJ	Exceeding holding times.	3	3
Sulfide	R	Lab conducted analysis outside lab SOP.	18	18
Total			21	21

U	The analyte was analyzed for, but not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte.
R	The sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be verified. These results will not be used in the risk assessment.