

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	12/12/24
Project:	CTO WE13		Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224MS		SDG No.:	P5316
Lab Sample ID:	P5306-09MS		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	93.6
Sample Wt/Vol:	30.1	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140948.D	1	12/18/24 08:56	12/20/24 14:10	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
108-95-2	Phenol	2000		88.3	140	180	ug/Kg
95-48-7	2-Methylphenol	1900		85.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	2000		85.0	290	350	ug/Kg
91-20-3	Naphthalene	1800		88.0	140	180	ug/Kg
208-96-8	Acenaphthylene	2000		92.1	140	180	ug/Kg
83-32-9	Acenaphthene	1900		86.4	140	180	ug/Kg
86-73-7	Fluorene	1800		91.0	140	180	ug/Kg
87-86-5	Pentachlorophenol	2800		82.3	290	350	ug/Kg
120-12-7	Anthracene	1900		89.9	140	180	ug/Kg
206-44-0	Fluoranthene	1700		87.0	140	180	ug/Kg
129-00-0	Pyrene	2000		88.4	140	180	ug/Kg
56-55-3	Benzo(a)anthracene	1900		85.9	140	180	ug/Kg
218-01-9	Chrysene	1800		84.7	140	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		86.4	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		88.0	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		99.0	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400		83.2	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300		86.5	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		85.3	140	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131		35 - 115		88%	SPK: 150
13127-88-3	Phenol-d6	134		34 - 127		90%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.0		37 - 122		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		44 - 115		84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		39 - 132		82%	SPK: 150
1718-51-0	Terphenyl-d14	91.0		54 - 127		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55400	6.851				
1146-65-2	Naphthalene-d8	209000	8.128				

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15067-26-2	Acenaphthene-d10	116000	9.886				
1517-22-2	Phenanthrene-d10	219000	11.38				
1719-03-5	Chrysene-d12	133000	14.033				
1520-96-3	Perylene-d12	114000	15.521				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products