

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031133.D
 Acq On : 04 Dec 2024 18:33
 Operator : SY/MD
 Sample : P5066-03
 Misc : 4.64g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

Quant Time: Dec 05 04:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:31:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	5174	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	3782	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	1044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	3349	42.061	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 168.240%#			
7) Chloroethane-d5	2.905	69	2653	42.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 171.800%#			
11) 1,1-Dichloroethene-d2	4.039	65	1386m	38.153	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 152.600%#			
21) 2-Butanone-d5	7.094	46	568m	40.790	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.580%			
24) Chloroform-d	7.648	84	2673	17.639	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.560%			
26) 1,2-Dichloroethane-d4	8.301	65	3026	40.580	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 162.320%#			
32) Benzene-d6	8.282	84	8829	37.982	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 151.920%#			
36) 1,2-Dichloropropane-d6	9.276	67	3183	46.747	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 187.000%#			
41) Toluene-d8	10.325	98	5301	25.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.080%			
43) trans-1,3-Dichloroprop...	10.581	79	693	25.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.120%			
47) 2-Hexanone-d5	10.928	63	115m	14.416	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 28.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	416	9.053	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 36.200%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	1133	30.554	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.200%#			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	5.441	96	575m	7.361	ug/L	
20) cis-1,2-Dichloroethene	7.173	96	509m	6.204	ug/L	
25) Chloroform	7.679	83	2845	19.039	ug/L	79
34) Trichloroethene	9.093	95	9129	129.405	ug/L	94
35) Methylcyclohexane	9.337	83	909m	8.097	ug/L	
42) Toluene	10.386	91	7866	29.197	ug/L	93
46) Tetrachloroethene	10.861	164	116264	2223.140	ug/L	89
52) Ethylbenzene	11.727	91	6529	21.386	ug/L	100
53) m,p-Xylene	11.837	106	8304	73.084	ug/L	99
54) o-Xylene	12.166	106	6190	58.560	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	15181	114.391	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	50499	387.354	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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