

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031153.D
 Acq On : 06 Dec 2024 16:12
 Operator : SY/MD
 Sample : P5066-03
 Misc : 3.50g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 23:41:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	13953	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	11580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	3583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	8309	38.696	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 154.800%#			
7) Chloroethane-d5	2.887	69	6658	39.966	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 159.880%#			
11) 1,1-Dichloroethene-d2	4.021	65	3607	36.819	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 147.280%#			
21) 2-Butanone-d5	7.081	46	2512m	66.893	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.780%			
24) Chloroform-d	7.642	84	9459	23.146	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	8.307	65	7050	35.059	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 140.240%#			
32) Benzene-d6	8.276	84	19754	27.755	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.000%			
36) 1,2-Dichloropropane-d6	9.270	67	6735	32.305	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 129.200%#			
41) Toluene-d8	10.318	98	14667	22.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	10.581	79	2570	30.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.480%			
47) 2-Hexanone-d5	10.922	63	2198	89.988	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 179.980%#			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	4087m	29.047	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.200%			
66) 1,2-Dichlorobenzene-d4	13.848	152	2878	22.614	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.440%			
Target Compounds						
						Qvalue
14) Carbon disulfide	4.393	76	2821	4.341	ug/L	99
25) Chloroform	7.679	83	3073	7.626	ug/L #	55
29) Cyclohexane	7.959	56	829m	2.844	ug/L	
34) Trichloroethene	9.093	95	15386	71.230	ug/L	96
35) Methylcyclohexane	9.331	83	3580	10.415	ug/L #	77
42) Toluene	10.386	91	13810	16.741	ug/L	95
46) Tetrachloroethene	10.861	164	185570	1158.890	ug/L	92
52) Ethylbenzene	11.727	91	14166	15.155	ug/L	88
53) m,p-Xylene	11.830	106	18285	52.559	ug/L	80
54) o-Xylene	12.160	106	10318	31.880	ug/L	94
60) Isopropylbenzene	12.458	105	6731m	11.637	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	26528	58.244	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	99925	223.333	ug/L	96

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

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