

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029560.D
 Acq On : 12 Jul 2024 19:08
 Operator : SY/MD
 Sample : P3230-05
 Misc : 6.43g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB36

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	472648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	415998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	193780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	100132	13.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.440%		
7) Chloroethane-d5	2.899	69	79996	14.551	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.200%		
11) 1,1-Dichloroethene-d2	4.021	65	48648	14.189	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.760%		
21) 2-Butanone-d5	7.081	46	83820	36.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.140%		
24) Chloroform-d	7.648	84	208045	15.226	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	60.920%		
26) 1,2-Dichloroethane-d4	8.307	65	127862m	15.954	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.800%#		
32) Benzene-d6	8.276	84	414261	16.623	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.480%		
36) 1,2-Dichloropropane-d6	9.276	67	136108	17.082	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	68.320%#		
41) Toluene-d8	10.319	98	362423	16.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.160%		
43) trans-1,3-Dichloroprop...	10.575	79	54535	16.163	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.640%		
47) 2-Hexanone-d5	10.922	63	56974	39.350	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118338	18.292	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.160%		
66) 1,2-Dichlorobenzene-d4	13.848	152	116195	17.218	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.880%#		
Target Compounds						
5) Vinyl chloride	2.375	62	56751	8.031	ug/L	98
13) Acetone	4.125	43	16429	7.102	ug/L	98
14) Carbon disulfide	4.393	76	11324	0.593	ug/L	97
16) Methylene chloride	4.923	84	24374	2.880	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	2007	0.308	ug/L	87
20) cis-1,2-Dichloroethene	7.173	96	1246167	175.140	ug/L	90
34) Trichloroethene	9.093	95	576100	83.817	ug/L	97
42) Toluene	10.386	91	98479	3.698	ug/L	98
46) Tetrachloroethene	10.873	164	13121902	2687.195	ug/L	93
52) Ethylbenzene	11.727	91	11012	0.365	ug/L	99
53) m,p-Xylene	11.830	106	27376	2.472	ug/L	95
54) o-Xylene	12.160	106	11996	1.171	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	8623	0.445	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	11811	0.552	ug/L	96

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

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