

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024593.D
 Acq On : 09 Sep 2022 10:40
 Operator : SY/VA
 Sample : N4519-03 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 01:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	267326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115244	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	154546	28.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.520%			
7) Chloroethane-d5	2.873	69	119897	29.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.440%			
11) 1,1-Dichloroethene-d2	4.007	63	101864	17.731	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.920%			
21) 2-Butanone-d5	7.073	46	42746	48.664	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.320%			
24) Chloroform-d	7.646	84	160023	23.823	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.280%			
26) 1,2-Dichloroethane-d4	8.305	65	98932	26.123	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.480%			
32) Benzene-d6	8.274	84	327589	24.912	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.640%			
36) 1,2-Dichloropropane-d6	9.274	67	93386	24.087	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.360%			
41) Toluene-d8	10.323	98	305606	23.840	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.360%			
43) trans-1,3-Dichloroprop...	10.579	79	39695	22.847	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.400%			
47) 2-Hexanone-d5	10.926	63	33506	47.017	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.040%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	80190	21.580	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.320%			
66) 1,2-Dichlorobenzene-d4	13.846	152	96680	26.487	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	1116m	0.884	ug/L	
5) Vinyl chloride	2.355	62	9981m	1.507	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	4894m	1.387	ug/L	
12) 1,1-Dichloroethene	4.025	96	4191	1.390	ug/L #	1
13) Acetone	4.129	43	3798m	5.082	ug/L	
14) Carbon disulfide	4.366	76	11281m	1.414	ug/L	
15) Methyl Acetate	4.683	43	1766m	1.118	ug/L	
17) trans-1,2-Dichloroethene	5.415	96	3819m	1.106	ug/L	
18) Methyl tert-butyl Ether	5.421	73	6311m	1.026	ug/L	
19) 1,1-Dichloroethane	6.201	63	6979	1.111	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	4335m	1.119	ug/L	
22) 2-Butanone	7.171	43	4376m	3.620	ug/L	
23) Bromochloromethane	7.512	128	2155	1.215	ug/L #	56
25) Chloroform	7.671	83	8584	1.230	ug/L	96
27) 1,2-Dichloroethane	8.402	62	5578	1.189	ug/L #	93
29) Cyclohexane	7.951	56	5268	1.018	ug/L #	58
30) 1,1,1-Trichloroethane	7.878	97	6259	1.068	ug/L	91
31) Carbon tetrachloride	8.061	117	5683m	1.061	ug/L	
33) Benzene	8.317	78	17632	1.162	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.091	95	4134	1.043	ug/L	82
35) Methylcyclohexane	9.329	83	6221	0.981	ug/L	92
37) 1,2-Dichloropropane	9.366	63	4394	1.160	ug/L #	92
38) Bromodichloromethane	9.640	83	5744	1.073	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	6310	1.139	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	5329	2.132	ug/L #	52
42) Toluene	10.390	91	19599	1.172	ug/L	89
45) 1,1,2-Trichloroethane	10.780	97	3340	1.055	ug/L	95
46) Tetrachloroethene	10.859	164	3022	1.035	ug/L	96
48) 2-Hexanone	10.969	43	4431m	2.585	ug/L	
49) Dibromochloromethane	11.127	129	3712	1.003	ug/L	95
50) 1,2-Dibromoethane	11.231	107	3058	0.995	ug/L #	94
51) Chlorobenzene	11.652	112	12333	1.067	ug/L	91
52) Ethylbenzene	11.731	91	18912	0.996	ug/L	93
53) m,p-Xylene	11.841	106	6917	0.932	ug/L	98
54) o-Xylene	12.164	106	6190	0.876	ug/L	86
55) Styrene	12.176	104	9172	0.738	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4972	1.240	ug/L	90
59) Bromoform	12.353	173	1750m	1.045	ug/L	
60) Isopropylbenzene	12.463	105	14690	0.941	ug/L #	94
61) 1,2,3-Trichloropropane	12.767	75	3137m	1.316	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	10714	0.827	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	10927	0.847	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7039	1.001	ug/L #	78
65) 1,4-Dichlorobenzene	13.578	146	8624	1.164	ug/L	95
67) 1,2-Dichlorobenzene	13.859	146	7811	1.191	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	14.468	75	624m	1.106	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	4537m	0.994	ug/L	
70) 1,2,4-trichlorobenzene	15.133	180	3378	0.932	ug/L	98
72) 1,2,3-Trichlorobenzene	15.553	180	2888	0.857	ug/L	91

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

