

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
 Data File : VW020053.D
 Acq On : 17 Sep 2021 10:29
 Operator : SY/VA
 Sample : MDL6
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL6

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:03:07 AM

Quant Time: Sep 17 11:17:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	296176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	285623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	136961	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126948	26.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.080%			
7) Chloroethane-d5	2.897	69	102529	24.419	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.680%			
11) 1,1-Dichloroethene-d2	4.025	63	152681	19.148	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.600%			
21) 2-Butanone-d5	7.080	46	52705	39.494	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.980%			
24) Chloroform-d	7.653	84	219868	26.942	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.760%			
26) 1,2-Dichloroethane-d4	8.311	65	129082	26.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	8.281	84	421081	27.021	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.080%			
36) 1,2-Dichloropropane-d6	9.280	67	125807	27.218	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.880%			
41) Toluene-d8	10.329	98	375498	25.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.840%			
43) trans-1,3-Dichloroprop...	10.579	79	53155	25.000	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.000%			
47) 2-Hexanone-d5	10.927	63	38093	40.340	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.680%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106455	23.410	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	126957	27.200	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	2630	0.856	ug/L	96
3) Chloromethane	2.221	50	4775	1.155	ug/L	98
5) Vinyl chloride	2.367	62	7590	1.173	ug/L #	52
6) Bromomethane	2.788	94	4971	1.096	ug/L	83
8) Chloroethane	2.934	64	4371	1.108	ug/L	92
9) Trichlorofluoromethane	3.269	101	3628	0.961	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	6315m	1.487	ug/L	
12) 1,1-Dichloroethene	4.044	96	5664	1.409	ug/L #	1
14) Carbon disulfide	4.391	76	14268	1.087	ug/L	97
15) Methyl Acetate	4.684	43	1969	0.891	ug/L	99
16) Methylene chloride	4.928	84	13808	2.646	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	4432	1.047	ug/L	87
18) Methyl tert-butyl Ether	5.434	73	4725	0.893	ug/L #	79
19) 1,1-Dichloroethane	6.220	63	8498	1.122	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	4645	1.062	ug/L	98
23) Bromochloromethane	7.519	128	2181	1.077	ug/L #	94
25) Chloroform	7.677	83	10515	1.322	ug/L	99
27) 1,2-Dichloroethane	8.409	62	6472	1.163	ug/L	96
29) Cyclohexane	7.958	56	5512	0.857	ug/L	95

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

30) 1,1,1-Trichloroethane	7.878	97	7722	1.154	ug/L	98
31) Carbon tetrachloride	8.073	117	6804	1.089	ug/L	99
33) Benzene	8.329	78	20244	1.177	ug/L	100
34) Trichloroethene	9.098	95	5167	1.135	ug/L	90
35) Methylcyclohexane	9.341	83	6709	0.874	ug/L #	88
37) 1,2-Dichloropropane	9.372	63	4789	1.151	ug/L #	92
38) Bromodichloromethane	9.646	83	6378	1.136	ug/L	93
39) cis-1,3-Dichloropropene	10.079	75	6214	0.989	ug/L	98
42) Toluene	10.390	91	25626	1.397	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	8589	1.444	ug/L	96
45) 1,1,2-Trichloroethane	10.792	97	3841	1.154	ug/L	94
46) Tetrachloroethene	10.866	164	4101	1.164	ug/L	93
48) 2-Hexanone	10.969	43	2925	1.374	ug/L #	81
49) Dibromochloromethane	11.128	129	4021	1.051	ug/L	98
50) 1,2-Dibromoethane	11.237	107	3284	1.003	ug/L #	91
51) Chlorobenzene	11.658	112	13027	1.095	ug/L	91
52) Ethylbenzene	11.731	91	19178	0.957	ug/L	98
53) m,p-Xylene	11.841	106	6890	0.904	ug/L	87
54) o-Xylene	12.164	106	6024	0.837	ug/L	98
55) Styrene	12.182	104	9788	0.791	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.719	83	5047	1.157	ug/L	97
59) Bromoform	12.347	173	1974	0.952	ug/L #	89
60) Isopropylbenzene	12.463	105	14931	0.822	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	3196	0.998	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	12600	0.853	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	12540	0.864	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	9103	1.090	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	10026	1.178	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	9501	1.248	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	6415	1.110	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	4851	1.072	ug/L	98
71) Naphthalene	15.359	128	7037	0.728	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.548	180	4593	1.081	ug/L	92

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

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