

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
 Data File : VW024629.D
 Acq On : 22 Sep 2022 11:49
 Operator : SY/VA
 Sample : MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/26/2022
 Supervised By :Mahesh Dadoda 09/26/2022

Quant Time: Sep 23 00:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 23 00:42:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	336810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	227456	29.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.400%			
7) Chloroethane-d5	2.879	69	168233	25.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.640%			
11) 1,1-Dichloroethene-d2	4.007	63	166280	19.509	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.040%			
21) 2-Butanone-d5	7.080	46	53677	50.995	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.980%			
24) Chloroform-d	7.647	84	231437	24.162	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.640%			
26) 1,2-Dichloroethane-d4	8.305	65	139896	26.996	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	8.275	84	490104	25.280	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.120%			
36) 1,2-Dichloropropane-d6	9.275	67	133503	24.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.000%			
41) Toluene-d8	10.323	98	471151	24.979	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.920%			
43) trans-1,3-Dichloroprop...	10.579	79	60072	24.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.760%			
47) 2-Hexanone-d5	10.921	63	44313	49.886	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.780%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115710	23.855	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	139531	24.693	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	1203	0.786	ug/L	91
5) Vinyl chloride	2.355	62	11634m	1.376	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	6458m	1.346	ug/L	
12) 1,1-Dichloroethene	4.038	96	5809m	1.375	ug/L	
13) Acetone	4.135	43	3324m	4.221	ug/L	
16) Methylene chloride	4.916	84	26340	4.622	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	4678	0.956	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	7048	0.923	ug/L #	72
19) 1,1-Dichloroethane	6.214	63	8386	1.039	ug/L	92
20) cis-1,2-Dichloroethene	7.165	96	5180	1.039	ug/L #	95
22) 2-Butanone	7.177	43	4463m	3.756	ug/L	
23) Bromochloromethane	7.507	128	2466	1.041	ug/L	96
25) Chloroform	7.677	83	9966	1.121	ug/L	89
27) 1,2-Dichloroethane	8.403	62	6886	1.168	ug/L	97
29) Cyclohexane	7.952	56	6782	0.878	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	7495	0.933	ug/L	95
31) Carbon tetrachloride	8.067	117	7682	1.005	ug/L	94
33) Benzene	8.323	78	23044	1.119	ug/L	100
34) Trichloroethene	9.092	95	5077	0.910	ug/L #	80

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35) Methylcyclohexane	9.335	83	8321	0.893	ug/L	96
37) 1,2-Dichloropropane	9.366	63	5048	1.043	ug/L #	97
38) Bromodichloromethane	9.646	83	6676	0.970	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	6549	0.868	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	5744	2.067	ug/L #	88
42) Toluene	10.384	91	27184	1.176	ug/L	97
45) 1,1,2-Trichloroethane	10.780	97	3871	0.961	ug/L	95
46) Tetrachloroethene	10.860	164	4169	0.949	ug/L	94
49) Dibromochloromethane	11.128	129	4505	0.926	ug/L	94
50) 1,2-Dibromoethane	11.238	107	3932	1.001	ug/L #	95
51) Chlorobenzene	11.658	112	15842	1.039	ug/L	94
52) Ethylbenzene	11.731	91	22571	0.889	ug/L	96
53) m,p-Xylene	11.835	106	8204	0.813	ug/L	95
54) o-Xylene	12.164	106	7321	0.774	ug/L	85
55) Styrene	12.176	104	11976	0.736	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	4446	0.923	ug/L #	93
59) Bromoform	12.347	173	2388	1.036	ug/L #	94
60) Isopropylbenzene	12.463	105	18386	0.830	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	3388m	1.151	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	14183	0.788	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	13922	0.773	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	9005	0.901	ug/L	89
65) 1,4-Dichlorobenzene	13.573	146	10769	1.048	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	10250	1.111	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	14.487	75	986m	1.438	ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	6009	0.915	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4507	0.858	ug/L	93
72) 1,2,3-Trichlorobenzene	15.548	180	4184	0.876	ug/L	90

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

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