

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051021\
 Data File : VW018968.D
 Acq On : 10 May 2021 11:06
 Operator : SY/VA
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:05:14 PM

Quant Time: May 11 01:27:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 11 01:26:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	612935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	560379	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264408	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155949	19.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.32%		
7) Chloroethane-d5	2.892	69	128244	21.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.20%		
11) 1,1-Dichloroethene-d2	4.019	63	277875	17.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.20%		
21) 2-Butanone-d5	7.080	46	113177	55.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.52%		
24) Chloroform-d	7.647	84	405677	25.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.88%		
26) 1,2-Dichloroethane-d4	8.305	65	241672	26.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.56%		
32) Benzene-d6	8.275	84	766761	24.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.88%		
36) 1,2-Dichloropropane-d6	9.274	67	236630	25.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.76%		
41) Toluene-d8	10.323	98	700190	23.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.84%		
43) trans-1,3-Dichloroprop...	10.579	79	103456	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.96%		
47) 2-Hexanone-d5	10.921	63	86018	51.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.30%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	198259	24.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	233151	25.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	5955	1.02	ug/L #	88
3) Chloromethane	2.209	50	7238	1.32	ug/L	95
5) Vinyl chloride	2.367	62	10198	1.15	ug/L #	62
6) Bromomethane	2.782	94	6442	1.04	ug/L	94
8) Chloroethane	2.922	64	5873	1.10	ug/L	95
9) Trichlorofluoromethane	3.263	101	6440	0.94	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	10837	1.37	ug/L #	63
12) 1,1-Dichloroethene	4.038	96	10599	1.33	ug/L #	1
13) Acetone	4.129	43	6621	4.22	ug/L	75
14) Carbon disulfide	4.385	76	24258	1.03	ug/L	99
15) Methyl Acetate	4.690	43	3784m	1.18	ug/L	
16) Methylene chloride	4.922	84	42095	4.15	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	8627	1.01	ug/L	92
18) Methyl tert-butyl Ether	5.422	73	11466	0.98	ug/L #	72
19) 1,1-Dichloroethane	6.214	63	16959	1.16	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	9069	1.01	ug/L	91
22) 2-Butanone	7.177	43	8348m	3.84	ug/L	
23) Bromochloromethane	7.513	128	3817	0.96	ug/L	90
25) Chloroform	7.677	83	18429	1.20	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	11848	1.14	ug/L #	91
29) Cyclohexane	7.958	56	14042	1.05	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	13912	1.12	ug/L	95
31) Carbon tetrachloride	8.067	117	12190	1.08	ug/L	100
33) Benzene	8.323	78	37888	1.13	ug/L	100
34) Trichloroethene	9.092	95	9626	1.08	ug/L	88
35) Methylcyclohexane	9.335	83	15123	0.96	ug/L #	89
37) 1,2-Dichloropropane	9.366	63	8829	1.09	ug/L #	96
38) Bromodichloromethane	9.646	83	11251	1.05	ug/L	89
39) cis-1,3-Dichloropropene	10.073	75	13277	1.03	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	12522	2.49	ug/L #	85
42) Toluene	10.390	91	49442	1.34	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	15942	1.41	ug/L	90
45) 1,1,2-Trichloroethane	10.786	97	6573	1.02	ug/L	96
46) Tetrachloroethene	10.866	164	8041	1.19	ug/L	95
48) 2-Hexanone	10.969	43	7713	2.36	ug/L	99
49) Dibromochloromethane	11.128	129	6563	0.94	ug/L	95
50) 1,2-Dibromoethane	11.231	107	5892	0.95	ug/L	91
51) Chlorobenzene	11.652	112	24306	1.08	ug/L	95
52) Ethylbenzene	11.731	91	42041	1.03	ug/L	99
53) m,p-Xylene	11.841	106	15323	1.01	ug/L	91
54) o-Xylene	12.164	106	13773	0.95	ug/L	90
55) Styrene	12.183	104	22272	0.91	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	8491	1.09	ug/L #	95
59) Bromoform	12.347	173	3177	0.87	ug/L #	92
60) Isopropylbenzene	12.463	105	37965	1.01	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	6204	1.11	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	31204	0.99	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	31582	1.00	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	16970	1.07	ug/L	81
65) 1,4-Dichlorobenzene	13.579	146	18409	1.15	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	16785	1.16	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	12424	1.08	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	10057	1.05	ug/L	99
71) Naphthalene	15.359	128	17778	0.88	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8729	1.04	ug/L	99

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

