

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051721\
 Data File : VW019007.D
 Acq On : 17 May 2021 10:50
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 6:46:56 PM

Quant Time: May 18 01:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 18 01:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	581828	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	538555	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	257277	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136021	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.892	69	121000	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
11) 1,1-Dichloroethene-d2	4.026	63	211112	15.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.48%
21) 2-Butanone-d5	7.080	46	80691	51.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.50%
24) Chloroform-d	7.653	84	325742	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.305	65	181393	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
32) Benzene-d6	8.275	84	661565	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
36) 1,2-Dichloropropane-d6	9.275	67	200671	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	10.323	98	610162	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	10.579	79	83868	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
47) 2-Hexanone-d5	10.927	63	66328	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	157967	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	203907	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	4655	0.78	ug/L #	85
3) Chloromethane	2.215	50	5718	0.96	ug/L	99
5) Vinyl chloride	2.367	62	9252	1.21	ug/L #	53
6) Bromomethane	2.782	94	6713	1.06	ug/L	89
8) Chloroethane	2.928	64	5725	1.07	ug/L	89
9) Trichlorofluoromethane	3.270	101	4616	0.83	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	8958	1.17	ug/L #	68
12) 1,1-Dichloroethene	4.050	96	8911	1.19	ug/L #	1
13) Acetone	4.135	43	4056m	3.07	ug/L	
14) Carbon disulfide	4.391	76	19841	0.95	ug/L	96
15) Methyl Acetate	4.678	43	2557m	0.94	ug/L	
16) Methylene chloride	4.922	84	12290	1.26	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	8193	1.00	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	10142	1.03	ug/L #	63
19) 1,1-Dichloroethane	6.220	63	14719	1.03	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	8323	0.97	ug/L	94
23) Bromochloromethane	7.525	128	3729	1.01	ug/L	78
25) Chloroform	7.677	83	15783	1.07	ug/L	99
27) 1,2-Dichloroethane	8.403	62	9763	1.06	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	12011	0.93	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	10989	0.94	ug/L	97
31) Carbon tetrachloride	8.074	117	10194	0.95	ug/L	96
33) Benzene	8.323	78	33108	1.00	ug/L	100
34) Trichloroethene	9.092	95	8859	1.01	ug/L	92
35) Methylcyclohexane	9.336	83	13495	0.89	ug/L	93
37) 1,2-Dichloropropane	9.372	63	7886	0.99	ug/L #	93
38) Bromodichloromethane	9.646	83	9714	0.94	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	10590	0.89	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	9816	2.39	ug/L	99
42) Toluene	10.390	91	43748	1.21	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	10151m	0.98	ug/L	
45) 1,1,2-Trichloroethane	10.786	97	5763	0.99	ug/L	92
46) Tetrachloroethene	10.866	164	6974	1.00	ug/L	95
48) 2-Hexanone	10.969	43	5944	2.22	ug/L	96
49) Dibromochloromethane	11.134	129	5996	0.92	ug/L	94
50) 1,2-Dibromoethane	11.238	107	5311	0.98	ug/L #	99
51) Chlorobenzene	11.658	112	20676	0.92	ug/L	88
52) Ethylbenzene	11.731	91	36746	0.91	ug/L	96
53) m,p-Xylene	11.841	106	13835	0.92	ug/L	92
54) o-Xylene	12.164	106	12048	0.85	ug/L	90
55) Styrene	12.183	104	19220	0.80	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	7827	1.17	ug/L #	93
59) Bromoform	12.347	173	2948	0.88	ug/L #	88
60) Isopropylbenzene	12.463	105	32405	0.86	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	5545	1.19	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	26648	0.88	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	27599	0.90	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	15990	0.98	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	16228	1.00	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	15131	1.06	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1321	1.33	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	11713	0.99	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	8988	0.95	ug/L	93
71) Naphthalene	15.359	128	16407	0.96	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8662	1.04	ug/L	96

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

