

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022521\
 Data File : VW018238.D
 Acq On : 25 Feb 2021 10:31
 Operator : SY/VA
 Sample : M1344-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2021-04

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:00:50 AM

Quant Time: Feb 26 07:03:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 26 07:02:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	437715	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	403793	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	206021	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113907	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.20%		
7) Chloroethane-d5	2.891	69	87688	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.56%		
11) 1,1-Dichloroethene-d2	4.019	63	173188	17.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.56%		
21) 2-Butanone-d5	7.080	46	57447	54.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.28%		
24) Chloroform-d	7.647	84	235462	22.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.64%		
26) 1,2-Dichloroethane-d4	8.305	65	125375	23.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.60%		
32) Benzene-d6	8.275	84	480673	22.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.44%		
36) 1,2-Dichloropropane-d6	9.274	67	133081	22.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.20%		
41) Toluene-d8	10.323	98	454902	22.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.36%		
43) trans-1,3-Dichloroprop...	10.579	79	60208	22.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.48%		
47) 2-Hexanone-d5	10.920	63	49471	53.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.92%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116995	24.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	168614	22.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.48%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4538	0.87	ug/L #	86
3) Chloromethane	2.215	50	4447	1.11	ug/L	97
5) Vinyl chloride	2.367	62	6388	1.11	ug/L #	54
6) Bromomethane	2.788	94	4275	1.07	ug/L	98
8) Chloroethane	2.922	64	3485	1.09	ug/L	90
9) Trichlorofluoromethane	3.263	101	3930	0.96	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	7821	1.40	ug/L #	79
12) 1,1-Dichloroethene	4.050	96	7265	1.34	ug/L #	1
13) Acetone	4.123	43	2538	3.58	ug/L	83
14) Carbon disulfide	4.397	76	16212	0.98	ug/L #	93
15) Methyl Acetate	4.690	43	2330	1.26	ug/L	94
16) Methylene chloride	4.921	84	13182	2.22	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	5987	1.04	ug/L	86
18) Methyl tert-butyl Ether	5.421	73	6163	1.07	ug/L #	70
19) 1,1-Dichloroethane	6.214	63	9118	1.01	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	6174	1.03	ug/L	78
22) 2-Butanone	7.177	43	3144	2.79	ug/L	85
23) Bromochloromethane	7.519	128	2950	1.03	ug/L #	72
25) Chloroform	7.677	83	10375	1.05	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	6655	1.12	ug/L	98
29) Cyclohexane	7.951	56	8575	1.06	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	8591	1.06	ug/L #	74
31) Carbon tetrachloride	8.067	117	8287	1.05	ug/L	100
33) Benzene	8.323	78	22717	1.05	ug/L	100
34) Trichloroethene	9.091	95	6481	1.08	ug/L	91
35) Methylcyclohexane	9.335	83	10102	1.01	ug/L	98
37) 1,2-Dichloropropane	9.372	63	5149	1.03	ug/L	99
38) Bromodichloromethane	9.646	83	6957	1.00	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	7869	0.99	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	5733	2.27	ug/L #	88
42) Toluene	10.390	91	25038	1.05	ug/L	89
45) 1,1,2-Trichloroethane	10.786	97	4572	1.12	ug/L	94
46) Tetrachloroethene	10.859	164	5942	1.11	ug/L	92
48) 2-Hexanone	10.969	43	4427	2.56	ug/L #	88
49) Dibromochloromethane	11.128	129	4856	0.96	ug/L	97
50) 1,2-Dibromoethane	11.231	107	4466	1.12	ug/L #	86
51) Chlorobenzene	11.652	112	16793	1.06	ug/L	96
52) Ethylbenzene	11.731	91	27543	1.03	ug/L	96
53) m,p-Xylene	11.841	106	11175	1.07	ug/L	88
54) o-Xylene	12.164	106	9890	1.00	ug/L	91
55) Styrene	12.182	104	15718	0.95	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	5633	1.23	ug/L #	97
59) Bromoform	12.347	173	2972	1.01	ug/L	92
60) Isopropylbenzene	12.463	105	26632	0.99	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	3985	1.18	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.944	105	21406	0.95	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	20982	0.93	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	13702	1.06	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	14178	1.09	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	12826	1.11	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.487	75	945m	1.29	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	10012	1.01	ug/L	90
70) 1,2,4-trichlorobenzene	15.133	180	9283	1.13	ug/L	95
71) Naphthalene	15.359	128	15407	1.07	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8146	1.13	ug/L	96

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

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