

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018954.D
 Acq On : 07 May 2021 13:56
 Operator : SY/VA
 Sample : M2250-04
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 6:29:20 PM

Quant Time: May 07 23:29:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	678399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	610069	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	293021	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169049	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
7) Chloroethane-d5	2.891	69	135144	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
11) 1,1-Dichloroethene-d2	4.019	63	298566	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
21) 2-Butanone-d5	7.086	46	107248	47.31	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.62%
24) Chloroform-d	7.653	84	421290	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	8.305	65	250365	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
32) Benzene-d6	8.274	84	805012	23.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	9.274	67	243654	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	10.323	98	727452	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
43) trans-1,3-Dichloroprop...	10.579	79	104370	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.84%
47) 2-Hexanone-d5	10.926	63	82993	45.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.66%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	201896	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.20%
66) 1,2-Dichlorobenzene-d4	13.853	152	237028	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	5398	0.84	ug/L #	88
3) Chloromethane	2.214	50	7661	1.27	ug/L	97
5) Vinyl chloride	2.367	62	10257	1.04	ug/L #	65
6) Bromomethane	2.788	94	5848	0.85	ug/L	95
8) Chloroethane	2.928	64	5709	0.97	ug/L	99
9) Trichlorofluoromethane	3.269	101	6734	0.88	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	7723	0.88	ug/L #	65
12) 1,1-Dichloroethene	4.037	96	10795	1.23	ug/L #	1
13) Acetone	4.141	43	5909	3.40	ug/L	89
14) Carbon disulfide	4.385	76	24314	0.93	ug/L	97
15) Methyl Acetate	4.684	43	3967m	1.12	ug/L	
16) Methylene chloride	4.915	84	63655	5.68	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	8944	0.95	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	12593	0.97	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	16157	1.00	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	9689	0.97	ug/L	91
22) 2-Butanone	7.177	43	7610m	3.16	ug/L	
23) Bromochloromethane	7.512	128	3986	0.91	ug/L	97
25) Chloroform	7.677	83	18959	1.12	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	13035	1.13	ug/L #	94
29) Cyclohexane	7.957	56	13932	0.95	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	13967	1.03	ug/L	95
31) Carbon tetrachloride	8.067	117	11643	0.95	ug/L	97
33) Benzene	8.323	78	36229	0.99	ug/L	100
34) Trichloroethene	9.097	95	10087	1.04	ug/L	92
35) Methylcyclohexane	9.335	83	15816	0.92	ug/L	95
37) 1,2-Dichloropropane	9.372	63	9555	1.08	ug/L	98
38) Bromodichloromethane	9.646	83	11383	0.98	ug/L	95
39) cis-1,3-Dichloropropene	10.079	75	12469	0.89	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	13311	2.43	ug/L	96
42) Toluene	10.390	91	51587	1.28	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	6384	0.91	ug/L	93
46) Tetrachloroethene	10.865	164	7755	1.06	ug/L	80
48) 2-Hexanone	10.969	43	7062	1.98	ug/L	96
49) Dibromochloromethane	11.134	129	6695	0.88	ug/L	96
50) 1,2-Dibromoethane	11.237	107	6323	0.93	ug/L	99
51) Chlorobenzene	11.658	112	24170	0.98	ug/L	93
52) Ethylbenzene	11.731	91	42773	0.96	ug/L	99
53) m,p-Xylene	11.841	106	15850	0.96	ug/L	95
54) o-Xylene	12.164	106	13690	0.87	ug/L	88
55) Styrene	12.182	104	21950	0.83	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	8525	1.01	ug/L #	96
59) Bromoform	12.353	173	3017	0.74	ug/L #	90
60) Isopropylbenzene	12.463	105	36517	0.87	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	6261	1.01	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	30235	0.87	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	32041	0.92	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	17857	1.01	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	17988	1.01	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	15478	0.97	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	11030	0.87	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	9419	0.89	ug/L	95
71) Naphthalene	15.365	128	17566	0.79	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	8292	0.89	ug/L	99

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

