

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016586.D
 Acq On : 18 Sep 2020 15:44
 Operator : SY/VA
 Sample : L4485-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Sep 19 00:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 13:07:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	625757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	555887	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	284301	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	163758	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	2.90	69	127389	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	4.03	63	244570	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
21) 2-Butanone-d5	7.09	46	84564	53.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.00%
24) Chloroform-d	7.65	84	329302	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	184289	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
32) Benzene-d6	8.28	84	650377	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	9.27	67	182419	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
41) Toluene-d8	10.33	98	632134	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	10.58	79	90212	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
47) 2-Hexanone-d5	10.93	63	66780	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	156773	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
66) 1,2-Dichlorobenzene-d4	13.85	152	238714	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	8529	1.130 ug/L	98
3) Chloromethane	2.22	50	6784	1.135 ug/L	94
5) Vinyl chloride	2.38	62	10637	1.241 ug/L #	73
6) Bromomethane	2.79	94	7917	1.202 ug/L	98
8) Chloroethane	2.93	64	5696	1.118 ug/L	95
9) Trichlorofluoromethane	3.27	101	7625	0.938 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	11591m	1.436 ug/L	
12) 1,1-Dichloroethene	4.04	96	11103	1.376 ug/L #	1
13) Acetone	4.16	43	3832m	3.593 ug/L	
14) Carbon disulfide	4.40	76	27154	1.133 ug/L	99
15) Methyl Acetate	4.70	43	3576	1.366 ug/L	93
16) Methylene chloride	4.93	84	27734	3.024 ug/L	93
17) trans-1,2-Dichloroethene	5.43	96	9557	1.141 ug/L	96
18) Methyl tert-butyl Ether	5.43	73	12730m	1.238 ug/L	
19) 1,1-Dichloroethane	6.22	63	15139	1.141 ug/L	97
20) cis-1,2-Dichloroethene	7.18	96	9993	1.148 ug/L	85
22) 2-Butanone	7.20	43	7714m	4.255 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	4719	1.153	ug/L	91
25) Chloroform	7.68	83	17832	1.229	ug/L	97
27) 1,2-Dichloroethane	8.40	62	11045	1.226	ug/L	100
29) Cyclohexane	7.97	56	14409	1.161	ug/L	98
30) 1,1,1-Trichloroethane	7.88	97	14850	1.121	ug/L	97
31) Carbon tetrachloride	8.08	117	14058	1.090	ug/L	93
33) Benzene	8.33	78	33900m	1.101	ug/L	
34) Trichloroethene	9.10	95	10586	1.198	ug/L	91
35) Methylcyclohexane	9.34	83	17403	1.179	ug/L	100
37) 1,2-Dichloropropane	9.38	63	8437	1.202	ug/L	98
38) Bromodichloromethane	9.65	83	12180	1.170	ug/L	93
39) cis-1,3-Dichloropropene	10.07	75	13705	1.143	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	12833	3.262	ug/L	99
42) Toluene	10.40	91	39723	1.145	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	11540m	1.123	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	7002	1.228	ug/L	93
46) Tetrachloroethene	10.87	164	9794	1.229	ug/L	93
48) 2-Hexanone	10.98	43	6351	2.596	ug/L	94
49) Dibromochloromethane	11.13	129	8933	1.193	ug/L	95
50) 1,2-Dibromoethane	11.24	107	7234	1.281	ug/L #	88
51) Chlorobenzene	11.66	112	26600	1.156	ug/L	98
52) Ethylbenzene	11.73	91	45002	1.152	ug/L	99
53) m,p-Xylene	11.84	106	17783	1.169	ug/L	97
54) o-Xylene	12.16	106	16054	1.115	ug/L	96
55) Styrene	12.18	104	26501	1.105	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.72	83	8713	1.419	ug/L #	91
59) Bromoform	12.35	173	4990	1.087	ug/L	99
60) Isopropylbenzene	12.47	105	46218	1.113	ug/L #	96
61) 1,2,3-Trichloropropane	12.77	75	5998	1.280	ug/L	97
62) 1,3,5-Trimethylbenzene	12.94	105	36421	1.066	ug/L	98
63) 1,2,4-Trimethylbenzene	13.26	105	36232	1.067	ug/L	94
64) 1,3-Dichlorobenzene	13.50	146	21888	1.149	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	22996	1.231	ug/L	93
67) 1,2-Dichlorobenzene	13.87	146	20023	1.188	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	1429	1.298	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.63	180	16767	1.193	ug/L	95
70) 1,2,4-trichlorobenzene	15.13	180	13282	1.170	ug/L	99
71) Naphthalene	15.37	128	21002	1.102	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	11340	1.189	ug/L	100

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

