

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092220\
 Data File : VW016600.D
 Acq On : 21 Sep 2020 16:52
 Operator : SY/VA
 Sample : L4485-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-04

Quant Time: Sep 22 03:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 22 02:54:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	557160	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	492173	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	254303	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	144751	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
7) Chloroethane-d5	2.90	69	114138	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	4.03	63	216627	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
21) 2-Butanone-d5	7.09	46	76167	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
24) Chloroform-d	7.65	84	292943	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	162721	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
32) Benzene-d6	8.28	84	579354	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	9.28	67	161116	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	10.33	98	554011	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
43) trans-1,3-Dichloropropene-	10.58	79	77446	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
47) 2-Hexanone-d5	10.93	63	60310	55.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.86%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	140817	26.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.68%
66) 1,2-Dichlorobenzene-d4	13.85	152	215687	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	7274m	1.083	ug/L	
3) Chloromethane	2.22	50	6182	1.161	ug/L	96
5) Vinyl chloride	2.37	62	9171	1.202	ug/L #	61
6) Bromomethane	2.79	94	6764	1.154	ug/L	98
8) Chloroethane	2.94	64	4972	1.096	ug/L	96
9) Trichlorofluoromethane	3.28	101	6793	0.938	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	9933m	1.382	ug/L	
12) 1,1-Dichloroethene	4.04	96	9515m	1.324	ug/L	
13) Acetone	4.15	43	2949m	3.106	ug/L	
14) Carbon disulfide	4.40	76	22130	1.037	ug/L	99
15) Methyl Acetate	4.69	43	2651m	1.137	ug/L	
16) Methylene chloride	4.93	84	21576	2.642	ug/L	96
17) trans-1,2-Dichloroethene	5.44	96	7924	1.063	ug/L	93
18) Methyl tert-butyl Ether	5.45	73	10938	1.194	ug/L #	93
19) 1,1-Dichloroethane	6.23	63	12469	1.056	ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	8532	1.101	ug/L	82
22) 2-Butanone	7.18	43	5739m	3.555	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	4103	1.126	ug/L	90
25) Chloroform	7.68	83	13826	1.070	ug/L	91
27) 1,2-Dichloroethane	8.41	62	9717	1.211	ug/L	100
29) Cyclohexane	7.96	56	11626	1.058	ug/L	98
30) 1,1,1-Trichloroethane	7.88	97	12566	1.072	ug/L	98
31) Carbon tetrachloride	8.07	117	11988	1.050	ug/L	96
33) Benzene	8.33	78	29881	1.096	ug/L	100
34) Trichloroethene	9.10	95	8498	1.087	ug/L	95
35) Methylcyclohexane	9.34	83	14373	1.100	ug/L	96
37) 1,2-Dichloropropane	9.37	63	6789	1.092	ug/L #	96
38) Bromodichloromethane	9.65	83	9890	1.073	ug/L #	94
39) cis-1,3-Dichloropropene	10.08	75	10804	1.018	ug/L	93
40) 4-Methyl-2-pentanone	10.21	43	10265	2.947	ug/L	100
42) Toluene	10.39	91	33831	1.101	ug/L	92
44) trans-1,3-Dichloropropene	10.61	75	9349m	1.027	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	5796	1.148	ug/L	95
46) Tetrachloroethene	10.87	164	7628	1.081	ug/L	99
48) 2-Hexanone	10.98	43	5377	2.482	ug/L #	92
49) Dibromochloromethane	11.13	129	6926	1.045	ug/L	99
50) 1,2-Dibromoethane	11.24	107	5897	1.179	ug/L #	98
51) Chlorobenzene	11.66	112	22287	1.094	ug/L	96
52) Ethylbenzene	11.73	91	36949	1.068	ug/L	96
53) m,p-Xylene	11.84	106	14166	1.051	ug/L	97
54) o-Xylene	12.17	106	13637	1.069	ug/L	92
55) Styrene	12.18	104	21668	1.020	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	6557	1.206	ug/L #	88
59) Bromoform	12.35	173	4132	1.007	ug/L #	97
60) Isopropylbenzene	12.47	105	37358	1.006	ug/L #	97
61) 1,2,3-Trichloropropane	12.77	75	5003	1.194	ug/L	97
62) 1,3,5-Trimethylbenzene	12.94	105	30261	0.990	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	30164	0.993	ug/L	97
64) 1,3-Dichlorobenzene	13.50	146	17955	1.054	ug/L	95
65) 1,4-Dichlorobenzene	13.58	146	17883	1.070	ug/L	94
67) 1,2-Dichlorobenzene	13.87	146	16467	1.092	ug/L #	94
69) 1,3,5-Trichlorobenzene	14.63	180	12571	1.000	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	10199	1.004	ug/L	98
71) Naphthalene	15.37	128	15560	0.913	ug/L	98
72) 1,2,3-Trichlorobenzene	15.56	180	8480	0.994	ug/L	95

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

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