

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092220\
 Data File : VW016601.D
 Acq On : 21 Sep 2020 17:16
 Operator : SY/VA
 Sample : L4485-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-05

Quant Time: Sep 22 03:20:01 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	561563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499019	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	250207	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	142366	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
7) Chloroethane-d5	2.90	69	116498	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	4.03	63	216506	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
21) 2-Butanone-d5	7.09	46	78789	55.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.08%
24) Chloroform-d	7.65	84	304649	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.31	65	166118	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
32) Benzene-d6	8.28	84	584241	22.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.68%
36) 1,2-Dichloropropane-d6	9.28	67	164456	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
41) Toluene-d8	10.33	98	565880	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.04%
43) trans-1,3-Dichloropropene-	10.58	79	79699	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
47) 2-Hexanone-d5	10.93	63	63182	57.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.56%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	146281	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
66) 1,2-Dichlorobenzene-d4	13.85	152	216374	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	7619	1.125 ug/L	91
3) Chloromethane	2.23	50	6644	1.238 ug/L	96
5) Vinyl chloride	2.37	62	10030	1.304 ug/L #	61
6) Bromomethane	2.79	94	7360	1.246 ug/L	97
8) Chloroethane	2.94	64	5574	1.219 ug/L	96
9) Trichlorofluoromethane	3.27	101	7579	1.039 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	10213m	1.410 ug/L	
12) 1,1-Dichloroethene	4.05	96	10326m	1.426 ug/L	
13) Acetone	4.15	43	3996	4.176 ug/L	66
14) Carbon disulfide	4.40	76	24365	1.133 ug/L	99
15) Methyl Acetate	4.70	43	3437	1.463 ug/L #	68
16) Methylene chloride	4.93	84	23238	2.824 ug/L	90
17) trans-1,2-Dichloroethene	5.44	96	8692	1.157 ug/L	94
18) Methyl tert-butyl Ether	5.45	73	12156m	1.317 ug/L	
19) 1,1-Dichloroethane	6.23	63	14340	1.205 ug/L	92
20) cis-1,2-Dichloroethene	7.17	96	9170	1.174 ug/L	91
22) 2-Butanone	7.18	43	6860m	4.216 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.52	128	4652	1.267	ug/L	91
25) Chloroform	7.68	83	16557	1.271	ug/L	97
27) 1,2-Dichloroethane	8.41	62	10651	1.317	ug/L #	90
29) Cyclohexane	7.97	56	12801	1.149	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	14157	1.191	ug/L	98
31) Carbon tetrachloride	8.08	117	13132	1.134	ug/L	96
33) Benzene	8.33	78	34628	1.253	ug/L	100
34) Trichloroethene	9.10	95	9558	1.205	ug/L	94
35) Methylcyclohexane	9.34	83	15739	1.188	ug/L	97
37) 1,2-Dichloropropane	9.37	63	7494	1.189	ug/L #	93
38) Bromodichloromethane	9.65	83	11040	1.181	ug/L	97
39) cis-1,3-Dichloropropene	10.08	75	12509	1.163	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	10446	2.958	ug/L	97
42) Toluene	10.39	91	37640	1.209	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	10125m	1.097	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	6381	1.246	ug/L	95
46) Tetrachloroethene	10.87	164	8500	1.188	ug/L	93
48) 2-Hexanone	10.97	43	5747	2.617	ug/L	94
49) Dibromochloromethane	11.13	129	7950	1.183	ug/L	99
50) 1,2-Dibromoethane	11.24	107	6733	1.328	ug/L #	97
51) Chlorobenzene	11.66	112	25382	1.229	ug/L	95
52) Ethylbenzene	11.73	91	40739	1.162	ug/L	100
53) m,p-Xylene	11.85	106	16334	1.196	ug/L	91
54) o-Xylene	12.16	106	14884	1.151	ug/L	100
55) Styrene	12.18	104	24370	1.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	7576	1.374	ug/L #	96
59) Bromoform	12.35	173	4688	1.161	ug/L	98
60) Isopropylbenzene	12.46	105	42060	1.151	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	5657	1.372	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	33507	1.115	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	33832	1.132	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	19937	1.189	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	20381	1.240	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	18379	1.239	ug/L	95
68) 1,2-Dibromo-3-chloropropan	14.49	75	1423	1.468	ug/L	84
69) 1,3,5-Trichlorobenzene	14.63	180	14258	1.152	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	11234	1.124	ug/L	96
71) Naphthalene	15.37	128	17750	1.058	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	9831	1.172	ug/L	99

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

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