

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016587.D
 Acq On : 18 Sep 2020 16:08
 Operator : SY/VA
 Sample : L4485-02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Sep 19 00:47:52 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	582558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	521791	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	265556	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160004	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
7) Chloroethane-d5	2.90	69	126628	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	4.03	63	241520	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
21) 2-Butanone-d5	7.09	46	81820	55.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.20%
24) Chloroform-d	7.65	84	332048	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	183641	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	8.28	84	652159	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	9.28	67	182289	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	10.33	98	627956	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
43) trans-1,3-Dichloropropene-	10.58	79	89862	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.12%
47) 2-Hexanone-d5	10.93	63	66435	57.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.20%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	156483	27.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.72%
66) 1,2-Dichlorobenzene-d4	13.86	152	241114	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	7322	1.042 ug/L	92
3) Chloromethane	2.22	50	7113	1.278 ug/L	99
5) Vinyl chloride	2.37	62	10573	1.325 ug/L #	56
6) Bromomethane	2.80	94	7543	1.230 ug/L	98
8) Chloroethane	2.94	64	6009	1.267 ug/L	97
9) Trichlorofluoromethane	3.27	101	7368	0.974 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	9833	1.309 ug/L #	59
12) 1,1-Dichloroethene	4.05	96	10513	1.399 ug/L #	1
13) Acetone	4.15	43	3912m	3.940 ug/L	
14) Carbon disulfide	4.40	76	26053m	1.168 ug/L	
15) Methyl Acetate	4.69	43	3457	1.419 ug/L #	76
16) Methylene chloride	4.93	84	27855	3.263 ug/L	89
17) trans-1,2-Dichloroethene	5.44	96	9595	1.231 ug/L	91
18) Methyl tert-butyl Ether	5.43	73	12654	1.321 ug/L #	74
19) 1,1-Dichloroethane	6.23	63	15259	1.236 ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	9579	1.182 ug/L	78
22) 2-Butanone	7.19	43	7875m	4.665 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	4948	1.299	ug/L	91
25) Chloroform	7.68	83	18075	1.338	ug/L	98
27) 1,2-Dichloroethane	8.41	62	11655	1.389	ug/L	98
29) Cyclohexane	7.96	56	13695	1.176	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	14529	1.169	ug/L	97
31) Carbon tetrachloride	8.07	117	13890	1.147	ug/L	98
33) Benzene	8.33	78	33914	1.173	ug/L	100
34) Trichloroethene	9.10	95	9939	1.199	ug/L	95
35) Methylcyclohexane	9.34	83	16648	1.202	ug/L	99
37) 1,2-Dichloropropane	9.37	63	8437	1.280	ug/L #	97
38) Bromodichloromethane	9.65	83	11902	1.218	ug/L	98
39) cis-1,3-Dichloropropene	10.08	75	13406	1.192	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	12906	3.495	ug/L	99
42) Toluene	10.39	91	39308	1.207	ug/L	96
44) trans-1,3-Dichloropropene	10.61	75	12723m	1.319	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	7048	1.317	ug/L	95
46) Tetrachloroethene	10.87	164	9137	1.222	ug/L	92
48) 2-Hexanone	10.97	43	6624	2.885	ug/L	99
49) Dibromochloromethane	11.13	129	8737	1.243	ug/L	93
50) 1,2-Dibromoethane	11.24	107	6679	1.260	ug/L #	92
51) Chlorobenzene	11.66	112	25830	1.196	ug/L	91
52) Ethylbenzene	11.73	91	43706	1.192	ug/L	97
53) m,p-Xylene	11.84	106	16997	1.190	ug/L	92
54) o-Xylene	12.17	106	16083	1.190	ug/L	92
55) Styrene	12.18	104	25587	1.137	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	8134	1.411	ug/L #	91
59) Bromoform	12.35	173	5123	1.195	ug/L #	95
60) Isopropylbenzene	12.47	105	44688	1.153	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	5757	1.316	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	35855	1.124	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	36040	1.137	ug/L	99
64) 1,3-Dichlorobenzene	13.51	146	21410	1.203	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	21483	1.231	ug/L	91
67) 1,2-Dichlorobenzene	13.87	146	18736	1.190	ug/L #	92
68) 1,2-Dibromo-3-chloropropan	14.49	75	1710	1.662	ug/L #	66
69) 1,3,5-Trichlorobenzene	14.63	180	15819	1.204	ug/L	95
70) 1,2,4-trichlorobenzene	15.14	180	12125	1.143	ug/L	100
71) Naphthalene	15.37	128	20699	1.163	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	10997	1.235	ug/L	99

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

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