

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016588.D
 Acq On : 18 Sep 2020 16:32
 Operator : SY/VA
 Sample : L4485-03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Sep 19 00:50:12 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	613906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	543245	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	267879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	173038	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
7) Chloroethane-d5	2.90	69	135090	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
11) 1,1-Dichloroethene-d2	4.03	63	265448	18.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.36%
21) 2-Butanone-d5	7.08	46	91193	58.81	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.62%
24) Chloroform-d	7.65	84	361529	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	199384	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.96%
32) Benzene-d6	8.28	84	711816	25.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	9.28	67	200229	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.96%
41) Toluene-d8	10.33	98	695815	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.84%
43) trans-1,3-Dichloropropene-	10.58	79	97991	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.88%
47) 2-Hexanone-d5	10.93	63	73198	60.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.90%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	168299	28.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.32%
66) 1,2-Dichlorobenzene-d4	13.85	152	263188	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	8343m	1.127	ug/L	
3) Chloromethane	2.22	50	6777	1.155	ug/L	95
5) Vinyl chloride	2.37	62	10201	1.213	ug/L #	38
6) Bromomethane	2.79	94	6810	1.054	ug/L	85
8) Chloroethane	2.94	64	5603	1.121	ug/L	97
9) Trichlorofluoromethane	3.28	101	7687	0.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	11275m	1.424	ug/L	
12) 1,1-Dichloroethene	4.04	96	10766	1.360	ug/L #	1
13) Acetone	4.15	43	4364	4.171	ug/L	91
14) Carbon disulfide	4.39	76	25222	1.073	ug/L	97
15) Methyl Acetate	4.69	43	3665m	1.427	ug/L	
16) Methylene chloride	4.93	84	28550	3.173	ug/L	90
17) trans-1,2-Dichloroethene	5.44	96	9388	1.143	ug/L	94
18) Methyl tert-butyl Ether	5.43	73	12270	1.216	ug/L #	81
19) 1,1-Dichloroethane	6.23	63	15123	1.162	ug/L	92
20) cis-1,2-Dichloroethene	7.18	96	9532	1.116	ug/L	80
22) 2-Butanone	7.15	43	8275m	4.652	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	4974	1.239	ug/L	95
25) Chloroform	7.68	83	17106	1.202	ug/L	97
27) 1,2-Dichloroethane	8.40	62	11405	1.290	ug/L	98
29) Cyclohexane	7.96	56	13238	1.091	ug/L	96
30) 1,1,1-Trichloroethane	7.88	97	14569	1.126	ug/L	97
31) Carbon tetrachloride	8.07	117	14348	1.138	ug/L	98
33) Benzene	8.33	78	34445	1.145	ug/L	100
34) Trichloroethene	9.10	95	9754	1.130	ug/L	93
35) Methylcyclohexane	9.34	83	16476	1.143	ug/L	99
37) 1,2-Dichloropropane	9.37	63	8092	1.179	ug/L #	95
38) Bromodichloromethane	9.65	83	11785	1.158	ug/L	98
39) cis-1,3-Dichloropropene	10.08	75	12954	1.106	ug/L	92
40) 4-Methyl-2-pentanone	10.21	43	13013	3.385	ug/L	98
42) Toluene	10.39	91	39031	1.151	ug/L	95
44) trans-1,3-Dichloropropene	10.60	75	12362m	1.231	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	7216	1.295	ug/L	98
46) Tetrachloroethene	10.87	164	9355	1.201	ug/L	96
48) 2-Hexanone	10.98	43	6283	2.628	ug/L	98
49) Dibromochloromethane	11.13	129	8477	1.159	ug/L	98
50) 1,2-Dibromoethane	11.24	107	6806	1.233	ug/L	96
51) Chlorobenzene	11.66	112	26098	1.161	ug/L	100
52) Ethylbenzene	11.73	91	42521	1.114	ug/L	99
53) m,p-Xylene	11.84	106	16768	1.128	ug/L	96
54) o-Xylene	12.17	106	15667	1.113	ug/L	96
55) Styrene	12.18	104	24861	1.061	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.72	83	8179	1.363	ug/L	97
59) Bromoform	12.35	173	4856	1.123	ug/L #	96
60) Isopropylbenzene	12.47	105	43382	1.109	ug/L #	96
61) 1,2,3-Trichloropropane	12.77	75	5445	1.233	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.94	105	34922	1.085	ug/L	100
63) 1,2,4-Trimethylbenzene	13.26	105	35105	1.097	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	20642	1.150	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	21462	1.219	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	19017	1.198	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	1359	1.310	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.63	180	15047	1.136	ug/L	95
70) 1,2,4-trichlorobenzene	15.13	180	11380	1.064	ug/L	99
71) Naphthalene	15.37	128	19230	1.071	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	10294	1.146	ug/L	99

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

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