

Data File : VW014980.D
Acq On : 13 Feb 2020 15:11
Operator : SY/VA
Sample : MDL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 14 04:56:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 14 04:50:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	771375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	722670	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	278263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	382911	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
7) Chloroethane-d5	2.89	69	287571	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	4.02	63	512909	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
21) 2-Butanone-d5	7.07	46	216407	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
24) Chloroform-d	7.65	84	601170	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	8.31	65	373173	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.68%
32) Benzene-d6	8.27	84	1220125	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	9.27	67	422486	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	10.32	98	1034415	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
43) trans-1,3-Dichloropropene-	10.57	79	155604	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
47) 2-Hexanone-d5	10.92	63	150766	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	308223	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
66) 1,2-Dichlorobenzene-d4	13.85	152	287338	27.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6590m	0.860	ug/L
3) Chloromethane	2.21	50	15547	1.079	ug/L
5) Vinyl chloride	2.36	62	20158	1.087	ug/L #
6) Bromomethane	2.78	94	9185	1.092	ug/L
8) Chloroethane	2.93	64	10593	1.067	ug/L
9) Trichlorofluoromethane	3.25	101	6238	0.851	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	16147m	1.347	ug/L
12) 1,1-Dichloroethene	4.04	96	14702	1.279	ug/L #
13) Acetone	4.13	43	16376	3.623	ug/L
14) Carbon disulfide	4.39	76	41219	0.992	ug/L
15) Methyl Acetate	4.68	43	8232m	1.050	ug/L
16) Methylene chloride	4.92	84	54489	3.823	ug/L
17) trans-1,2-Dichloroethene	5.42	96	11129	0.959	ug/L
18) Methyl tert-butyl Ether	5.42	73	13990	0.977	ug/L #
19) 1,1-Dichloroethane	6.21	63	26799	1.034	ug/L
20) cis-1,2-Dichloroethene	7.17	96	11942	0.999	ug/L
22) 2-Butanone	7.17	43	17344m	3.192	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	5260	1.085	ug/L	87
25) Chloroform	7.68	83	27330	1.184	ug/L	88
27) 1,2-Dichloroethane	8.40	62	17970	1.059	ug/L	97
29) Cyclohexane	7.95	56	18710m	0.794	ug/L	
30) 1,1,1-Trichloroethane	7.87	97	17351	0.987	ug/L	97
31) Carbon tetrachloride	8.07	117	15862	1.001	ug/L	99
33) Benzene	8.32	78	54563	1.028	ug/L	100
34) Trichloroethene	9.09	95	12419	0.977	ug/L	96
35) Methylcyclohexane	9.34	83	18533	0.846	ug/L	95
37) 1,2-Dichloropropane	9.37	63	15086	1.018	ug/L	100
38) Bromodichloromethane	9.65	83	16978	1.017	ug/L	94
39) cis-1,3-Dichloropropene	10.07	75	18329	0.924	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	21948	2.080	ug/L	100
42) Toluene	10.38	91	55254	1.078	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	19788m	1.203	ug/L	
45) 1,1,2-Trichloroethane	10.78	97	9381	1.044	ug/L	91
46) Tetrachloroethene	10.86	164	8436	1.022	ug/L	96
48) 2-Hexanone	10.97	43	16580	2.157	ug/L #	92
49) Dibromochloromethane	11.13	129	9239	0.986	ug/L	84
50) 1,2-Dibromoethane	11.23	107	8310	1.025	ug/L	92
51) Chlorobenzene	11.65	112	31151	1.030	ug/L	94
52) Ethylbenzene	11.73	91	51678	0.925	ug/L	97
53) m,p-Xylene	11.83	106	16901	0.863	ug/L	91
54) o-Xylene	12.16	106	14311	0.778	ug/L	93
55) Styrene	12.18	104	24247	0.764	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.71	83	13420	1.116	ug/L #	94
59) Bromoform	12.35	173	4691	1.103	ug/L #	94
60) Isopropylbenzene	12.46	105	37086	0.851	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	9454	1.159	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	29522	0.850	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	27419	0.807	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	17603	0.980	ug/L	86
65) 1,4-Dichlorobenzene	13.58	146	20728	1.120	ug/L	93
67) 1,2-Dichlorobenzene	13.87	146	20057	1.207	ug/L	94
68) 1,2-Dibromo-3-chloropropan	14.49	75	2265	1.328	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.63	180	12635	1.050	ug/L	95
70) 1,2,4-trichlorobenzene	15.13	180	8014	0.888	ug/L	98
71) Naphthalene	15.36	128	6503	0.702	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.55	180	8096	0.969	ug/L	93

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

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