

Data File : VW014996.D
Acq On : 14 Feb 2020 14:37
Operator : SY/VA
Sample : MDL06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 15 03:36:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 03:16:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	699422	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	665875	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	269236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	343842	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	261581	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	4.02	63	460570	18.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.92%
21) 2-Butanone-d5	7.07	46	201116	51.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.46%
24) Chloroform-d	7.65	84	555306	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.31	65	346582	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	8.27	84	1117376	24.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	9.27	67	388062	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	10.32	98	948008	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
43) trans-1,3-Dichloropropene-	10.57	79	141525	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
47) 2-Hexanone-d5	10.92	63	138254	50.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.74%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	286101	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.36%
66) 1,2-Dichlorobenzene-d4	13.85	152	265231	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	11637	1.675 ug/L #	89
3) Chloromethane	2.21	50	26409	2.021 ug/L	99
5) Vinyl chloride	2.36	62	35067m	2.085 ug/L	
6) Bromomethane	2.78	94	14937	1.958 ug/L	88
8) Chloroethane	2.92	64	18111	2.013 ug/L	99
9) Trichlorofluoromethane	3.26	101	10963	1.650 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	25146	2.314 ug/L	87
12) 1,1-Dichloroethene	4.04	96	22739	2.182 ug/L #	1
13) Acetone	4.12	43	18313	4.469 ug/L	99
14) Carbon disulfide	4.39	76	71442	1.896 ug/L	97
15) Methyl Acetate	4.68	43	13003	1.829 ug/L #	87
16) Methylene chloride	4.91	84	53588	4.147 ug/L	97
17) trans-1,2-Dichloroethene	5.43	96	20827	1.980 ug/L	91
18) Methyl tert-butyl Ether	5.42	73	25198	1.941 ug/L #	84
19) 1,1-Dichloroethane	6.22	63	46324	1.972 ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	20993	1.937 ug/L	94
22) 2-Butanone	7.18	43	21291	4.322 ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	9324	2.121	ug/L	73
25) Chloroform	7.67	83	45151	2.157	ug/L	100
27) 1,2-Dichloroethane	8.40	62	32784	2.131	ug/L	97
29) Cyclohexane	7.96	56	33716	1.553	ug/L #	94
30) 1,1,1-Trichloroethane	7.87	97	32101	1.982	ug/L	99
31) Carbon tetrachloride	8.07	117	28038	1.920	ug/L	99
33) Benzene	8.32	78	99226	2.030	ug/L	100
34) Trichloroethene	9.09	95	22540	1.925	ug/L	94
35) Methylcyclohexane	9.33	83	33712	1.669	ug/L	92
37) 1,2-Dichloropropane	9.37	63	27659	2.026	ug/L	98
38) Bromodichloromethane	9.64	83	28789	1.872	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	32024	1.753	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	34460	3.545	ug/L	99
42) Toluene	10.38	91	95428	2.020	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	30233m	1.995	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	17039	2.057	ug/L	95
46) Tetrachloroethene	10.86	164	14732	1.938	ug/L	97
48) 2-Hexanone	10.96	43	27091	3.825	ug/L	98
49) Dibromochloromethane	11.13	129	16785	1.945	ug/L	89
50) 1,2-Dibromoethane	11.24	107	14918	1.998	ug/L #	96
51) Chlorobenzene	11.65	112	55824	2.003	ug/L	97
52) Ethylbenzene	11.73	91	90600	1.761	ug/L	96
53) m,p-Xylene	11.84	106	31109	1.723	ug/L	100
54) o-Xylene	12.16	106	26381	1.556	ug/L	99
55) Styrene	12.18	104	44835	1.534	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.71	83	23325	2.105	ug/L	93
59) Bromoform	12.35	173	8107	1.969	ug/L #	94
60) Isopropylbenzene	12.46	105	70348	1.669	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	17113	2.169	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	53203	1.583	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	50138	1.525	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	33118	1.906	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	36684	2.048	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	35997	2.239	ug/L	93
68) 1,2-Dibromo-3-chloropropan	14.48	75	3722	2.256	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	21554	1.851	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	14439	1.654	ug/L	97
71) Naphthalene	15.37	128	12198	1.361	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.55	180	13827	1.710	ug/L	94

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

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