

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060338.D
 Acq On : 12 Nov 2018 15:33
 Operator : JC/SY
 Sample : J5889-08MS
 Misc : 10.09g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-DMS

Quant Time: Nov 13 00:40:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	28205	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	41272	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	42387	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.37	152	25863	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	22042	109.14	ug/l	-0.03
Spiked Amount			Recovery	=	218.28%	
35) Dibromofluoromethane	6.30	113	22699	73.76	ug/l	-0.04
Spiked Amount			Recovery	=	147.52%	
50) Toluene-d8	9.44	98	57204	63.51	ug/l	-0.03
Spiked Amount			Recovery	=	127.02%	
62) 4-Bromofluorobenzene	12.42	95	24933	76.39	ug/l	-0.02
Spiked Amount			Recovery	=	152.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	11744	53.395	ug/l	93
3) Chloromethane	1.76	50	17872	66.894	ug/l	94
4) Vinyl Chloride	1.86	62	9959	45.644	ug/l	95
5) Bromomethane	2.17	94	9081	175.428	ug/l	87
6) Chloroethane	2.27	64	6338	87.547	ug/l	99
7) Trichlorofluoromethane	2.51	101	13507	52.508	ug/l	100
8) Diethyl Ether	2.82	74	5159	110.772	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.07	101	7720	45.629	ug/l #	84
10) Methyl Iodide	3.25	142	16642	75.733	ug/l	93
11) Tert butyl alcohol	3.93	59	11585	1396.980	ug/l #	70
12) 1,1-Dichloroethene	3.06	96	6932	50.370	ug/l	97
13) Acrolein	2.97	56	10982	1120.732	ug/l #	74
14) Allyl chloride	3.52	41	16623	63.127	ug/l	95
15) Acrylonitrile	4.07	53	69959	1446.639	ug/l	98
16) Acetone	3.14	43	61751	1762.763	ug/l	98
17) Carbon Disulfide	3.31	76	21965	49.447	ug/l	96
18) Methyl Acetate	3.54	43	27713	371.021	ug/l	95
19) Methyl tert-butyl Ether	4.11	73	52942	128.471	ug/l	95
20) Methylene Chloride	3.71	84	29190	93.934	ug/l	94
21) trans-1,2-Dichloroethene	4.08	96	15935	52.148	ug/l	88
22) Diisopropyl ether	4.83	45	89185	90.654	ug/l #	81
23) Vinyl Acetate	4.78	43	329489	673.086	ug/l	99
24) 1,1-Dichloroethane	4.74	63	32910	65.234	ug/l	97
25) 2-Butanone	5.60	43	107467	1475.918	ug/l	96
26) 2,2-Dichloropropane	5.57	77	20304	51.767	ug/l	88
27) cis-1,2-Dichloroethene	5.57	96	21239	66.719	ug/l	97
28) Bromochloromethane	5.91	49	23622	106.121	ug/l	97
29) Tetrahydrofuran	5.93	42	59596	1552.408	ug/l	93
30) Chloroform	6.08	83	36190	71.757	ug/l	99
31) Cyclohexane	6.35	56	19273	39.970	ug/l	98
32) 1,1,1-Trichloroethane	6.28	97	21762	51.226	ug/l #	93
36) 1,1-Dichloropropene	6.51	75	19329	47.404	ug/l	95
37) Ethyl Acetate	5.67	43	44476	237.041	ug/l #	93
38) Carbon Tetrachloride	6.48	117	16797	44.408	ug/l	98

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39) Methylcyclohexane	8.02	83	18098	38.590	ug/l	91
40) Benzene	6.78	78	65796	63.215	ug/l	99
41) Methacrylonitrile	5.93	41	55056	256.370	ug/l #	94
42) 1,2-Dichloroethane	6.87	62	27205	99.860	ug/l	97
43) Isopropyl Acetate	8.33	43	48295	204.912	ug/l #	97
44) Trichloroethene	7.73	130	17158	54.381	ug/l	98
45) 1,2-Dichloropropane	8.09	63	18763	71.478	ug/l	93
46) Dibromomethane	8.20	93	17807	115.825	ug/l	95
47) Bromodichloromethane	8.47	83	27943	77.129	ug/l	90
48) Methyl methacrylate	8.23	41	26824	187.369	ug/l	96
49) 1,4-Dioxane	8.21	88	7227	5834.466	ug/l	92
51) 4-Methyl-2-Pentanone	9.32	43	185601	1209.921	ug/l	94
52) Toluene	9.54	92	42512	63.941	ug/l	95
53) t-1,3-Dichloropropene	9.90	75	24955	81.524	ug/l #	88
54) cis-1,3-Dichloropropene	9.09	75	29177	74.316	ug/l	94
55) 1,1,2-Trichloroethane	10.17	97	23883	123.938	ug/l	93
56) Ethyl methacrylate	10.02	69	22789	128.621	ug/l	94
57) 1,3-Dichloropropane	10.36	76	35532	121.008	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.91	63	76792	716.802	ug/l	95
59) 2-Hexanone	10.47	43	144574	1322.321	ug/l	94
60) Dibromochloromethane	10.63	129	22709	96.945	ug/l	95
61) 1,2-Dibromoethane	10.75	107	24833	128.617	ug/l	99
64) Tetrachloroethene	10.24	164	16821	44.452	ug/l	92
65) Chlorobenzene	11.30	112	49530	53.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	17786	59.189	ug/l	96
67) Ethyl Benzene	11.42	91	76522	48.707	ug/l	92
68) m/p-Xylenes	11.56	106	56830	98.060	ug/l	93
69) o-Xylene	11.93	106	26571	47.458	ug/l	93
70) Styrene	11.95	104	48171	53.237	ug/l	97
71) Bromoform	12.11	173	19789	98.002	ug/l	92
73) Isopropylbenzene	12.26	105	68186	36.186	ug/l	91
74) N-amyl acetate	12.13	43	48507	100.409	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.55	83	38137	123.754	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	36327	117.418	ug/l	96
77) Bromobenzene	12.53	156	24914	49.776	ug/l	91
78) n-propylbenzene	12.63	91	88024	37.426	ug/l	97
79) 2-Chlorotoluene	12.70	91	53021	41.160	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	58077	39.659	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.33	75	8630	97.979	ug/l #	85
82) 4-Chlorotoluene	12.80	91	67509	46.654	ug/l	88
83) tert-Butylbenzene	13.04	119	61106	37.585	ug/l	97
84) 1,2,4-Trimethylbenzene	13.09	105	59865	40.934	ug/l	95
85) sec-Butylbenzene	13.22	105	66130	33.153	ug/l	92
86) p-Isopropyltoluene	13.34	119	57186	35.601	ug/l	98
87) 1,3-Dichlorobenzene	13.31	146	42851	48.120	ug/l	93
88) 1,4-Dichlorobenzene	13.39	146	44868	51.590	ug/l	96
89) n-Butylbenzene	13.64	91	54045	32.357	ug/l	97
90) Hexachloroethane	13.85	117	11335	29.759	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	43371	59.296	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	4464	120.002	ug/l	90

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93) 1,2,4-Trichlorobenzene	14.78	180	27315	47.101	ug/l	95
94) Hexachlorobutadiene	14.87	225	14756	34.018	ug/l	98
95) Naphthalene	14.96	128	49492	69.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	22213	47.799	ug/l	98

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

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