

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060339.D
 Acq On : 12 Nov 2018 16:01
 Operator : JC/SY
 Sample : J5889-09MSD
 Misc : 13.47g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-DMSD

Quant Time: Nov 13 00:40:47 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	6.38	168	891619	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.43	114	1117659	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	788036	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	320830	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	308762	48.36	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	6.30	113	409058	49.08	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	9.43	98	1168506	47.91	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.42	95	347691	39.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	540052	79.966	ug/l	100
3) Chloromethane	1.76	50	421239	49.876	ug/l	100
4) Vinyl Chloride	1.85	62	417014	60.460	ug/l	97
5) Bromomethane	2.15	94	110844	67.737	ug/l	96
6) Chloroethane	2.26	64	135626	59.262	ug/l	92
7) Trichlorofluoromethane	2.51	101	602485	74.090	ug/l	99
8) Diethyl Ether	2.81	74	86094	58.477	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.08	101	419385	78.412	ug/l	98
10) Methyl Iodide	3.23	142	356044	51.254	ug/l	99
11) Tert butyl alcohol	3.94	59	107965	411.836	ug/l	98
12) 1,1-Dichloroethene	3.07	96	282408	64.913	ug/l	91
13) Acrolein	2.97	56	62797	202.724	ug/l	98
14) Allyl chloride	3.52	41	470116	56.475	ug/l	98
15) Acrylonitrile	4.07	53	564021	368.942	ug/l	99
16) Acetone	3.15	43	388664	350.971	ug/l	98
17) Carbon Disulfide	3.30	76	781220	55.632	ug/l	99
18) Methyl Acetate	3.54	43	188163	79.689	ug/l	100
19) Methyl tert-butyl Ether	4.10	73	784271	60.203	ug/l	100
20) Methylene Chloride	3.71	84	548569	55.843	ug/l	99
21) trans-1,2-Dichloroethene	4.08	96	532269	55.102	ug/l	96
22) Diisopropyl ether	4.84	45	1626074	52.286	ug/l	99
23) Vinyl Acetate	4.79	43	4045389	261.419	ug/l	99
24) 1,1-Dichloroethane	4.74	63	853485	53.517	ug/l	99
25) 2-Butanone	5.60	43	816484	354.717	ug/l	99
26) 2,2-Dichloropropane	5.57	77	736779	59.423	ug/l	98
27) cis-1,2-Dichloroethene	5.58	96	520543	51.727	ug/l	96
28) Bromochloromethane	5.90	49	390709	55.525	ug/l	99
29) Tetrahydrofuran	5.93	42	447111	368.427	ug/l	99
30) Chloroform	6.08	83	851573	53.413	ug/l	100
31) Cyclohexane	6.34	56	1104068	72.432	ug/l	98
32) 1,1,1-Trichloroethane	6.27	97	819945	61.055	ug/l	98
36) 1,1-Dichloropropene	6.50	75	740866	67.095	ug/l	98
37) Ethyl Acetate	5.67	43	397156	78.164	ug/l	97
38) Carbon Tetrachloride	6.48	117	725819	70.861	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	1041460	82.005	ug/l	98
40) Benzene	6.78	78	1740686	61.757	ug/l	99
41) Methacrylonitrile	5.93	41	461849	79.416	ug/l #	94
42) 1,2-Dichloroethane	6.88	62	451874	61.250	ug/l	97
43) Isopropyl Acetate	8.33	43	470692	73.748	ug/l #	99
44) Trichloroethene	7.72	130	513217	60.066	ug/l	98
45) 1,2-Dichloropropane	8.09	63	415392	58.436	ug/l	98
46) Dibromomethane	8.19	93	264315	63.486	ug/l	96
47) Bromodichloromethane	8.47	83	567458	57.840	ug/l	97
48) Methyl methacrylate	8.22	41	292060	75.334	ug/l	96
49) 1,4-Dioxane	8.21	88	63359	1888.850	ug/l	88
51) 4-Methyl-2-Pentanone	9.33	43	1604705	386.294	ug/l	99
52) Toluene	9.53	92	1056798	58.696	ug/l	98
53) t-1,3-Dichloropropene	9.90	75	470394	56.746	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	614830	57.828	ug/l	99
55) 1,1,2-Trichloroethane	10.16	97	306813	58.794	ug/l	97
56) Ethyl methacrylate	10.01	69	323987	67.524	ug/l	99
57) 1,3-Dichloropropane	10.37	76	492985	61.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	1016197	350.273	ug/l	99
59) 2-Hexanone	10.47	43	1103554	372.723	ug/l	99
60) Dibromochloromethane	10.62	129	389940	61.471	ug/l	97
61) 1,2-Dibromoethane	10.74	107	330326	63.177	ug/l	100
64) Tetrachloroethene	10.23	164	500494	71.142	ug/l	99
65) Chlorobenzene	11.29	112	990040	57.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	360321	64.497	ug/l	97
67) Ethyl Benzene	11.41	91	1877151	64.267	ug/l	98
68) m/p-Xylenes	11.55	106	1323708	122.856	ug/l	96
69) o-Xylene	11.92	106	615811	59.161	ug/l	97
70) Styrene	11.94	104	962761	57.231	ug/l	98
71) Bromoform	12.10	173	265483	70.719	ug/l	100
73) Isopropylbenzene	12.27	105	1812664	77.548	ug/l	97
74) N-amyl acetate	12.12	43	472987	78.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	352600	92.236	ug/l	97
76) 1,2,3-Trichloropropane	12.58	75	363900	94.818	ug/l	98
77) Bromobenzene	12.52	156	407809	65.681	ug/l	91
78) n-propylbenzene	12.62	91	2027683	69.498	ug/l	97
79) 2-Chlorotoluene	12.69	91	1008874	63.135	ug/l	96
80) 1,3,5-Trimethylbenzene	12.78	105	1217770	67.036	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.33	75	102579	93.882	ug/l	92
82) 4-Chlorotoluene	12.80	91	1119769	62.382	ug/l	92
83) tert-Butylbenzene	13.04	119	1496329	74.193	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	1182976	65.206	ug/l	95
85) sec-Butylbenzene	13.21	105	1797478	72.644	ug/l	95
86) p-Isopropyltoluene	13.33	119	1314178	65.952	ug/l	98
87) 1,3-Dichlorobenzene	13.30	146	601731	54.472	ug/l	96
88) 1,4-Dichlorobenzene	13.38	146	612945	56.814	ug/l	99
89) n-Butylbenzene	13.64	91	1179482	63.959	ug/l	97
90) Hexachloroethane	13.84	117	339860	71.929	ug/l	82
91) 1,2-Dichlorobenzene	13.65	146	543986	59.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.22	75	45362	98.301	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	206621	28.721	ug/l	98
94) Hexachlorobutadiene	14.87	225	243149	45.188	ug/l	98
95) Naphthalene	14.95	128	470830	53.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	166740	28.924	ug/l	97

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

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