

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060399.D
 Acq On : 16 Nov 2018 15:42
 Operator : JC/SY
 Sample : J5918-04MSD
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Quant Time: Nov 16 17:05:22 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	6.42	168	1261618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1856201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1393598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	679429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	418140	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	6.33	113	639002	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	9.47	98	1872416	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.43	95	657462	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	509359	51.620	ug/l	97
3) Chloromethane	1.76	50	566015	47.363	ug/l	99
4) Vinyl Chloride	1.86	62	509354	52.190	ug/l	99
5) Bromomethane	2.16	94	182832	78.961	ug/l	96
6) Chloroethane	2.27	64	207906	64.203	ug/l	96
7) Trichlorofluoromethane	2.52	101	655617	56.979	ug/l	96
8) Diethyl Ether	2.83	74	121577	58.360	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.11	101	405854	53.628	ug/l	96
10) Methyl Iodide	3.25	142	516446	52.541	ug/l	99
11) Tert butyl alcohol	3.97	59	110522	297.948	ug/l #	91
12) 1,1-Dichloroethene	3.09	96	335103	54.436	ug/l	93
13) Acrolein	3.00	56	54544	124.442	ug/l	91
14) Allyl chloride	3.55	41	698775	59.326	ug/l	100
15) Acrylonitrile	4.10	53	574221	265.457	ug/l	99
16) Acetone	3.16	43	392463	250.465	ug/l	96
17) Carbon Disulfide	3.32	76	998885	50.271	ug/l	99
18) Methyl Acetate	3.57	43	203317	60.854	ug/l	98
19) Methyl tert-butyl Ether	4.13	73	1018084	55.232	ug/l	98
20) Methylene Chloride	3.73	84	898804	64.662	ug/l	99
21) trans-1,2-Dichloroethene	4.11	96	763191	55.837	ug/l	100
22) Diisopropyl ether	4.87	45	2445353	55.569	ug/l	98
23) Vinyl Acetate	4.82	43	5565686	254.183	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1273884	56.452	ug/l	100
25) 2-Butanone	5.63	43	783016	240.412	ug/l	99
26) 2,2-Dichloropropane	5.60	77	926652	52.819	ug/l	98
27) cis-1,2-Dichloroethene	5.61	96	784635	55.103	ug/l	95
28) Bromochloromethane	5.94	49	528551	53.085	ug/l	87
29) Tetrahydrofuran	5.96	42	408872	238.108	ug/l	96
30) Chloroform	6.12	83	1196941	53.058	ug/l	100
31) Cyclohexane	6.38	56	1093517	50.701	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	1052349	55.379	ug/l	99
36) 1,1-Dichloropropene	6.54	75	908756	49.555	ug/l	95
37) Ethyl Acetate	5.70	43	405330	48.033	ug/l	97
38) Carbon Tetrachloride	6.51	117	863625	50.768	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	993214	47.089	ug/l	99
40) Benzene	6.81	78	2442726	52.183	ug/l	99
41) Methacrylonitrile	5.96	41	456831	47.299	ug/l #	92
42) 1,2-Dichloroethane	6.90	62	616994	50.357	ug/l	99
43) Isopropyl Acetate	8.36	43	520033	49.060	ug/l #	98
44) Trichloroethene	7.75	130	789925	55.667	ug/l	98
45) 1,2-Dichloropropane	8.11	63	634324	53.730	ug/l	97
46) Dibromomethane	8.23	93	337044	48.745	ug/l	93
47) Bromodichloromethane	8.50	83	807581	49.564	ug/l	99
48) Methyl methacrylate	8.25	41	313437	48.681	ug/l	94
49) 1,4-Dioxane	8.23	88	58618	1052.215	ug/l #	83
51) 4-Methyl-2-Pentanone	9.35	43	1648388	238.928	ug/l	96
52) Toluene	9.56	92	1564751	52.329	ug/l	100
53) t-1,3-Dichloropropene	9.94	75	695866	50.546	ug/l	100
54) cis-1,3-Dichloropropene	9.12	75	896482	50.771	ug/l	96
55) 1,1,2-Trichloroethane	10.19	97	432645	49.920	ug/l	94
56) Ethyl methacrylate	10.04	69	425579	53.407	ug/l	97
57) 1,3-Dichloropropane	10.40	76	649998	49.219	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	1197989	248.637	ug/l	99
59) 2-Hexanone	10.50	43	1174399	238.832	ug/l	97
60) Dibromochloromethane	10.65	129	547378	51.957	ug/l	98
61) 1,2-Dibromoethane	10.77	107	451404	51.984	ug/l	98
64) Tetrachloroethene	10.26	164	667651	53.665	ug/l	96
65) Chlorobenzene	11.32	112	1714371	56.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	555288	56.205	ug/l	97
67) Ethyl Benzene	11.44	91	2767764	53.583	ug/l	96
68) m/p-Xylenes	11.58	106	2152766	112.982	ug/l	96
69) o-Xylene	11.94	106	1018372	55.322	ug/l	92
70) Styrene	11.96	104	1685325	56.651	ug/l	98
71) Bromoform	12.13	173	338949	51.056	ug/l	98
73) Isopropylbenzene	12.29	105	2854426	57.664	ug/l	98
74) N-amyl acetate	12.14	43	689614	54.338	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	418547	51.700	ug/l	97
76) 1,2,3-Trichloropropane	12.60	75	430604	52.981	ug/l	100
77) Bromobenzene	12.55	156	711898	54.141	ug/l	93
78) n-propylbenzene	12.65	91	3352706	54.262	ug/l	95
79) 2-Chlorotoluene	12.71	91	1920816	56.761	ug/l	97
80) 1,3,5-Trimethylbenzene	12.80	105	2205311	57.325	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	121523	52.519	ug/l	88
82) 4-Chlorotoluene	12.82	91	2147647	56.497	ug/l	92
83) tert-Butylbenzene	13.05	119	2506959	58.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	2215250	57.659	ug/l	95
85) sec-Butylbenzene	13.23	105	2846338	54.319	ug/l	97
86) p-Isopropyltoluene	13.35	119	2379714	56.394	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	1307693	55.899	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	1272857	55.712	ug/l	95
89) n-Butylbenzene	13.66	91	2183664	53.933	ug/l	99
90) Hexachloroethane	13.86	117	556040	55.570	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	1055205	54.915	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53689	54.939	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	775052	50.874	µg/l	98
94) Hexachlorobutadiene	14.89	225	479474	42.077	µg/l	99
95) Naphthalene	14.97	128	1050830	56.487	µg/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	647020	52.999	µg/l	95

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

