

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060398.D
 Acq On : 16 Nov 2018 15:14
 Operator : JC/SY
 Sample : J5918-03MS
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 16 17:04:30 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	1329917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1936991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1493497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	581340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	493382	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	6.34	113	720620	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	9.47	98	2069472	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.44	95	717358	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	499005	47.618	ug/l	98
3) Chloromethane	1.77	50	585801	46.502	ug/l	98
4) Vinyl Chloride	1.86	62	523604	50.895	ug/l	99
5) Bromomethane	2.16	94	134329	55.035	ug/l	94
6) Chloroethane	2.27	64	189611	55.546	ug/l	97
7) Trichlorofluoromethane	2.53	101	631097	52.031	ug/l	99
8) Diethyl Ether	2.84	74	138959	63.278	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.11	101	412831	51.748	ug/l	96
10) Methyl Iodide	3.25	142	501674	48.417	ug/l	100
11) Tert butyl alcohol	3.98	59	148484	379.730	ug/l #	91
12) 1,1-Dichloroethene	3.09	96	339185	52.269	ug/l	98
13) Acrolein	3.00	56	82517	178.593	ug/l	94
14) Allyl chloride	3.55	41	658765	53.056	ug/l	99
15) Acrylonitrile	4.10	53	750581	329.167	ug/l	99
16) Acetone	3.18	43	513474	310.864	ug/l	95
17) Carbon Disulfide	3.33	76	988005	47.170	ug/l	98
18) Methyl Acetate	3.57	43	241296	68.512	ug/l	99
19) Methyl tert-butyl Ether	4.14	73	1193027	61.399	ug/l	99
20) Methylene Chloride	3.74	84	897901	61.280	ug/l	98
21) trans-1,2-Dichloroethene	4.12	96	747694	51.894	ug/l	98
22) Diisopropyl ether	4.87	45	2560671	55.202	ug/l	95
23) Vinyl Acetate	4.82	43	6619672	286.793	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1253960	52.715	ug/l	100
25) 2-Butanone	5.64	43	1029059	299.729	ug/l	97
26) 2,2-Dichloropropane	5.61	77	919747	49.733	ug/l	97
27) cis-1,2-Dichloroethene	5.61	96	796284	53.050	ug/l	95
28) Bromochloromethane	5.94	49	573345	54.626	ug/l	93
29) Tetrahydrofuran	5.97	42	551915	304.904	ug/l	96
30) Chloroform	6.12	83	1217150	51.183	ug/l	97
31) Cyclohexane	6.38	56	1060537	46.646	ug/l	99
32) 1,1,1-Trichloroethane	6.30	97	1023664	51.103	ug/l	98
36) 1,1-Dichloropropene	6.54	75	907647	47.430	ug/l	95
37) Ethyl Acetate	5.71	43	523973	59.503	ug/l	98
38) Carbon Tetrachloride	6.52	117	839868	47.312	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060398.D
 Acq On : 16 Nov 2018 15:14
 Operator : JC/SY
 Sample : J5918-03MS
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 FDSB-05(25-27)MS

Quant Time: Nov 16 17:04:30 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)
39) Methylcyclohexane	8.06	83	1236275	56.168	ug/l	99
40) Benzene	6.81	78	2422887	49.600	ug/l	99
41) Methacrylonitrile	5.96	41	599079	59.440	ug/l #	97
42) 1,2-Dichloroethane	6.91	62	692464	54.159	ug/l	100
43) Isopropyl Acetate	8.36	43	709048	64.102	ug/l #	100
44) Trichloroethene	7.76	130	754208	50.933	ug/l	98
45) 1,2-Dichloropropane	8.12	63	657496	53.370	ug/l	98
46) Dibromomethane	8.23	93	396733	54.984	ug/l	99
47) Bromodichloromethane	8.51	83	841323	49.481	ug/l #	99
48) Methyl methacrylate	8.26	41	433177	64.472	ug/l	95
49) 1,4-Dioxane	8.24	88	78772	1355.011	ug/l	88
51) 4-Methyl-2-Pentanone	9.36	43	2129554	295.797	ug/l	96
52) Toluene	9.56	92	1564226	50.130	ug/l	99
53) t-1,3-Dichloropropene	9.94	75	776282	54.035	ug/l	98
54) cis-1,3-Dichloropropene	9.12	75	929935	50.468	ug/l	97
55) 1,1,2-Trichloroethane	10.20	97	481031	53.188	ug/l	99
56) Ethyl methacrylate	10.04	69	513299	61.728	ug/l	99
57) 1,3-Dichloropropane	10.40	76	744412	54.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	1523357	302.979	ug/l	97
59) 2-Hexanone	10.51	43	1429510	278.588	ug/l	97
60) Dibromochloromethane	10.65	129	609957	55.482	ug/l	99
61) 1,2-Dibromoethane	10.77	107	527503	58.213	ug/l	98
64) Tetrachloroethene	10.27	164	622782	46.710	ug/l	97
65) Chlorobenzene	11.32	112	1720955	53.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	563011	53.175	ug/l	97
67) Ethyl Benzene	11.44	91	2702207	48.815	ug/l	97
68) m/p-Xylenes	11.58	106	2018659	98.857	ug/l	96
69) o-Xylene	11.94	106	1036788	52.555	ug/l	93
70) Styrene	11.96	104	1693280	53.111	ug/l	96
71) Bromoform	12.13	173	388142	54.555	ug/l	98
73) Isopropylbenzene	12.29	105	2815962	66.485	ug/l	98
74) N-amyl acetate	12.15	43	1200877	110.589	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.57	83	736771	106.364	ug/l	100
76) 1,2,3-Trichloropropane	12.61	75	497362	71.520	ug/l	93
77) Bromobenzene	12.55	156	710276	63.133	ug/l	97
78) n-propylbenzene	12.65	91	3764348	71.204	ug/l	95
79) 2-Chlorotoluene	12.72	91	1784260	61.622	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	2048550	62.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.36	75	141725	71.584	ug/l #	68
82) 4-Chlorotoluene	12.82	91	1844232	56.701	ug/l	95
83) tert-Butylbenzene	13.06	119	2111104	57.769	ug/l	97
84) 1,2,4-Trimethylbenzene	13.10	105	3768278	114.630	ug/l	99
85) sec-Butylbenzene	13.23	105	2809052	62.652	ug/l	98
86) p-Isopropyltoluene	13.35	119	1926422	53.355	ug/l	95
87) 1,3-Dichlorobenzene	13.32	146	1082752	54.093	ug/l	90
88) 1,4-Dichlorobenzene	13.40	146	1062047	54.328	ug/l #	86
89) n-Butylbenzene	13.66	91	2559446	81.740	ug/l	98
90) Hexachloroethane	13.87	117	521505	60.913	ug/l	98
91) 1,2-Dichlorobenzene	13.68	146	779711	47.425	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67514	80.743	ug/l #	41

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111618\
Data File : VD060398.D
Acq On : 16 Nov 2018 15:14
Operator : JC/SY
Sample : J5918-03MS
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 16 17:04:30 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	14.80	180	545941	41.881	µg/l #	76
94) Hexachlorobutadiene	14.90	225	243474	24.971	µg/l	99
95) Naphthalene	14.98	128	1058309	66.488	µg/l	96
96) 1,2,3-Trichlorobenzene	15.12	180	490233	46.932	µg/l #	74

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

