

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063521.D
 Acq On : 13 Aug 2019 8:17
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 09:15:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	921521	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1418575	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1241051	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	658015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	636255	64.59	ug/l	0.00
Spiked Amount			Recovery	=	129.18%	
35) Dibromofluoromethane	6.93	113	660817	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	
50) Toluene-d8	10.42	98	1495126	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	
62) 4-Bromofluorobenzene	13.56	95	662426	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	468040	41.981	ug/l	89
3) Chloromethane	1.75	50	419104	48.114	ug/l	89
4) Vinyl Chloride	1.85	62	413760	47.849	ug/l	93
5) Bromomethane	2.16	94	239350	58.661	ug/l	98
6) Chloroethane	2.27	64	228871	57.879	ug/l	95
7) Trichlorofluoromethane	2.53	101	783609	46.199	ug/l	98
8) Diethyl Ether	2.88	74	150382	62.796	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.15	101	498335	49.757	ug/l	99
10) Methyl Iodide	3.31	142	806269	56.896	ug/l	97
11) Tert butyl alcohol	4.09	59	154235	359.685	ug/l	100
12) 1,1-Dichloroethene	3.13	96	396728	53.279	ug/l	96
13) Acrolein	3.04	56	120709	285.986	ug/l #	82
14) Allyl chloride	3.63	41	622996	55.655	ug/l	100
15) Acrylonitrile	4.21	53	407010	358.345	ug/l	97
16) Acetone	3.23	43	547142	273.246	ug/l #	92
17) Carbon Disulfide	3.38	76	1180879	50.249	ug/l	98
18) Methyl Acetate	3.64	43	315758	83.252	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	1088814	73.115	ug/l	99
20) Methylene Chloride	3.82	84	519031	59.944	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	465125	59.359	ug/l	97
22) Diisopropyl ether	5.13	45	1488114	64.424	ug/l	97
23) Vinyl Acetate	5.06	43	4206439	313.243	ug/l	100
24) 1,1-Dichloroethane	4.99	63	849237	59.277	ug/l	100
25) 2-Butanone	6.08	43	653196	330.294	ug/l	96
26) 2,2-Dichloropropane	6.03	77	682342	47.817	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	536719	62.605	ug/l	99
28) Bromochloromethane	6.44	49	355249	61.182	ug/l	96
29) Tetrahydrofuran	6.46	42	327043	354.894	ug/l	98
30) Chloroform	6.68	83	1068443	59.999	ug/l	98
31) Cyclohexane	6.96	56	436933	49.126	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	910177	53.431	ug/l	96
36) 1,1-Dichloropropene	7.15	75	595166	47.459	ug/l	97
37) Ethyl Acetate	6.19	43	316574	60.244	ug/l #	95
38) Carbon Tetrachloride	7.12	117	967558	51.193	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063521.D
 Acq On : 13 Aug 2019 8:17
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 09:15:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.87	83	466479	43.745	ug/l	97
40) Benzene	7.46	78	1540226	55.811	ug/l	96
41) Methacrylonitrile	6.46	41	419041	63.333	ug/l #	97
42) 1,2-Dichloroethane	7.58	62	827236	59.614	ug/l	100
43) Isopropyl Acetate	9.25	43	439103	62.391	ug/l	95
44) Trichloroethene	8.55	130	535161	50.734	ug/l	97
45) 1,2-Dichloropropane	8.94	63	392735	61.110	ug/l	94
46) Dibromomethane	9.07	93	326034	59.405	ug/l	94
47) Bromodichloromethane	9.38	83	842084	59.815	ug/l	95
48) Methyl methacrylate	9.13	41	283995	59.501	ug/l	99
49) 1,4-Dioxane	9.09	88	53156	1241.035	ug/l #	74
51) 4-Methyl-2-Pentanone	10.31	43	1516168	314.827	ug/l	100
52) Toluene	10.52	92	985250	55.428	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	694149	60.418	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	783596	60.487	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	372935	62.110	ug/l	97
56) Ethyl methacrylate	11.05	69	430173	66.006	ug/l	97
57) 1,3-Dichloropropane	11.41	76	561892	61.909	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	1075614	312.622	ug/l	98
59) 2-Hexanone	11.54	43	1121514	320.052	ug/l	97
60) Dibromochloromethane	11.69	129	685221	62.715	ug/l	98
61) 1,2-Dibromoethane	11.81	107	464315	63.878	ug/l	96
64) Tetrachloroethene	11.26	164	494270	51.591	ug/l	97
65) Chlorobenzene	12.41	112	1277913	54.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	592241	57.854	ug/l	93
67) Ethyl Benzene	12.52	91	2063379	51.018	ug/l	100
68) m/p-Xylenes	12.67	106	1343605	94.559	ug/l	96
69) o-Xylene	13.06	106	767565	56.126	ug/l	93
70) Styrene	13.08	104	1333346	54.811	ug/l	97
71) Bromoform	13.23	173	427356	60.883	ug/l #	92
73) Isopropylbenzene	13.41	105	1908306	45.595	ug/l	100
74) N-amyl acetate	13.27	43	618640	58.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	396495	57.075	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	413423	54.745	ug/l	93
77) Bromobenzene	13.68	156	581193	50.810	ug/l	91
78) n-propylbenzene	13.77	91	2380363	48.609	ug/l	96
79) 2-Chlorotoluene	13.84	91	1520615	53.856	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	1928782	52.744	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	103430	50.957	ug/l	89
82) 4-Chlorotoluene	13.95	91	1816516	53.502	ug/l	94
83) tert-Butylbenzene	14.19	119	1938448	50.338	ug/l	94
84) 1,2,4-Trimethylbenzene	14.24	105	1853961	54.793	ug/l	94
85) sec-Butylbenzene	14.37	105	2038883	49.856	ug/l	98
86) p-Isopropyltoluene	14.49	119	1759243	44.991	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	989106	47.805	ug/l	94
88) 1,4-Dichlorobenzene	14.54	146	1070815	53.943	ug/l	98
89) n-Butylbenzene	14.80	91	1629175	45.651	ug/l	96
90) Hexachloroethane	15.02	117	508889	51.779	ug/l	79
91) 1,2-Dichlorobenzene	14.81	146	962239	54.815	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	78413	59.946	ug/l	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
Data File : VD063521.D
Acq On : 13 Aug 2019 8:17
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 13 09:15:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	705138	54.590	ug/l	95
94) Hexachlorobutadiene	16.04	225	432734	43.957	ug/l	98
95) Naphthalene	16.13	128	1106064	56.502	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	539844	51.745	ug/l	96

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

