

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059413.D
 Acq On : 26 Jun 2018 8:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 26 17:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1076635	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1397076	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	1129675	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	565624	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	512915	46.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	5.56	113	531355	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
50) Toluene-d8	8.71	98	1140815	42.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.76%	
62) 4-Bromofluorobenzene	11.92	95	486067	43.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	419509	43.79	ug/l	99
3) Chloromethane	1.52	50	212349	42.60	ug/l	92
4) Vinyl Chloride	1.58	62	242086	46.82	ug/l	100
5) Bromomethane	1.81	94	105346	60.02	ug/l	93
6) Chloroethane	1.90	64	111352	50.61	ug/l	100
7) Trichlorofluoromethane	2.11	101	384953	51.63	ug/l	98
8) Diethyl Ether	2.37	74	87702	51.98	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.57	101	234947	50.70	ug/l	96
10) Methyl Iodide	2.71	142	301449	55.70	ug/l	99
11) Tert butyl alcohol	3.27	59	96560	253.51	ug/l #	92
12) 1,1-Dichloroethene	2.56	96	177662	50.08	ug/l	94
13) Acrolein	2.48	56	72968	214.29	ug/l	98
14) Allyl chloride	2.94	41	422851	52.08	ug/l	98
15) Acrylonitrile	3.37	53	360706	308.56	ug/l	95
16) Acetone	2.62	43	310627	223.54	ug/l #	91
17) Carbon Disulfide	2.77	76	542633	49.94	ug/l	99
18) Methyl Acetate	2.96	43	162102	54.55	ug/l	94
19) Methyl tert-butyl Ether	3.42	73	875250	50.12	ug/l	98
20) Methylene Chloride	3.08	84	220823	57.68	ug/l	91
21) trans-1,2-Dichloroethene	3.40	96	375094	59.80	ug/l	94
22) Diisopropyl ether	4.08	45	1422321	46.55	ug/l	91
23) Vinyl Acetate	4.03	43	3778549	237.38	ug/l	99
24) 1,1-Dichloroethane	3.98	63	821879	47.01	ug/l	98
25) 2-Butanone	4.85	43	621579	213.54	ug/l	97
26) 2,2-Dichloropropane	4.81	77	630294	46.49	ug/l	99
27) cis-1,2-Dichloroethene	4.82	96	470477	44.63	ug/l	94
28) Bromochloromethane	5.15	49	370049	48.83	ug/l	97
29) Tetrahydrofuran	5.19	42	352231	221.22	ug/l	97
30) Chloroform	5.33	83	948753	49.79	ug/l	94
31) Cyclohexane	5.59	56	547585	47.25	ug/l	99
32) 1,1,1-Trichloroethane	5.52	97	837042	54.25	ug/l	98
36) 1,1-Dichloropropene	5.75	75	586008	46.24	ug/l	96
37) Ethyl Acetate	4.93	43	337395	43.72	ug/l	98
38) Carbon Tetrachloride	5.73	117	712775	54.55	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059413.D
 Acq On : 26 Jun 2018 8:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 26 17:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	524963	43.67	ug/l	96
40) Benzene	6.02	78	1395931	45.90	ug/l	99
41) Methacrylonitrile	5.13	41	171518	46.14	ug/l	92
42) 1,2-Dichloroethane	6.13	62	685291	51.00	ug/l	97
43) Isopropyl Acetate	7.61	43	448039	46.23	ug/l #	100
44) Trichloroethene	6.98	130	464046	46.60	ug/l	91
45) 1,2-Dichloropropane	7.35	63	399146	47.39	ug/l	94
46) Dibromomethane	7.46	93	303148	50.04	ug/l	91
47) Bromodichloromethane	7.74	83	683648	50.44	ug/l	97
48) Methyl methacrylate	7.50	41	286220	48.47	ug/l	99
49) 1,4-Dioxane	7.49	88	52655	889.11	ug/l #	88
51) 4-Methyl-2-Pentanone	8.59	43	1447893	224.18	ug/l	97
52) Toluene	8.79	92	836164	46.03	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	561747	49.59	ug/l	96
54) cis-1,3-Dichloropropene	8.36	75	643601	49.07	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	316131	47.94	ug/l	96
56) Ethyl methacrylate	9.31	69	361834	48.08	ug/l	95
57) 1,3-Dichloropropane	9.66	76	509013	47.19	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.18	63	918636	237.14	ug/l	98
59) 2-Hexanone	9.78	43	1034584	225.38	ug/l	100
60) Dibromochloromethane	9.96	129	483161	52.32	ug/l	99
61) 1,2-Dibromoethane	10.09	107	367097	49.99	ug/l	96
64) Tetrachloroethene	9.50	164	489381	49.38	ug/l	97
65) Chlorobenzene	10.71	112	967682	46.85	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	406562	51.28	ug/l	95
67) Ethyl Benzene	10.85	91	1666852	47.82	ug/l	100
68) m/p-Xylenes	11.01	106	1087061	94.00	ug/l	93
69) o-Xylene	11.40	106	550201	48.12	ug/l	97
70) Styrene	11.43	104	923466	47.12	ug/l	99
71) Bromoform	11.59	173	354833	54.02	ug/l	95
73) Isopropylbenzene	11.77	105	1596025	50.00	ug/l	98
74) N-amyl acetate	11.64	43	595402	49.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	370507	49.48	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	376463	48.25	ug/l	98
77) Bromobenzene	12.03	156	499361	49.71	ug/l	96
78) n-propylbenzene	12.15	91	1925408	47.63	ug/l	99
79) 2-Chlorotoluene	12.21	91	1168529	49.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	1215793	47.85	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	85097	47.99	ug/l	96
82) 4-Chlorotoluene	12.32	91	1285321	47.75	ug/l	100
83) tert-Butylbenzene	12.57	119	1404366	51.96	ug/l	98
84) 1,2,4-Trimethylbenzene	12.62	105	1316696	48.96	ug/l	99
85) sec-Butylbenzene	12.75	105	1636407	49.34	ug/l	98
86) p-Isopropyltoluene	12.88	119	1340497	50.14	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	834482	50.49	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	801522	49.14	ug/l	97
89) n-Butylbenzene	13.19	91	1207886	45.77	ug/l	99
90) Hexachloroethane	13.39	117	400638	60.07	ug/l	95
91) 1,2-Dichlorobenzene	13.18	146	679379	48.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	66400	53.77	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059413.D
Acq On : 26 Jun 2018 8:02
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 26 17:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	657065	50.72	ug/l	97
94) Hexachlorobutadiene	14.42	225	505539	51.86	ug/l	98
95) Naphthalene	14.51	128	887429	49.15	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	578359	49.65	ug/l	98

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

