

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058361.D
 Acq On : 24 Jun 2018 00:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 01:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	932889	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	1272218	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	1026842	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	497421	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	523398	55.55	ug/l	0.02
Spiked Amount			Recovery	=	111.10%	
35) Dibromofluoromethane	5.56	113	548140	52.94	ug/l	0.01
Spiked Amount			Recovery	=	105.88%	
50) Toluene-d8	8.72	98	1312847	52.41	ug/l	0.01
Spiked Amount			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.94	95	526375	51.44	ug/l	0.01
Spiked Amount			Recovery	=	102.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	446348	51.28	ug/l	96
3) Chloromethane	1.50	50	239338	59.63	ug/l	95
4) Vinyl Chloride	1.57	62	248921	50.94	ug/l	98
5) Bromomethane	1.81	94	89640	55.76	ug/l	96
6) Chloroethane	1.90	64	108913	63.20	ug/l	91
7) Trichlorofluoromethane	2.10	101	367316	54.82	ug/l	96
8) Diethyl Ether	2.36	74	76273	53.82	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.58	101	216079	50.73	ug/l	98
10) Methyl Iodide	2.70	142	240998	49.74	ug/l	99
11) Tert butyl alcohol	3.28	59	88861	285.93	ug/l #	90
12) 1,1-Dichloroethene	2.57	96	162113	50.58	ug/l	100
13) Acrolein	2.49	56	22181	125.02	ug/l	89
14) Allyl chloride	2.94	41	394519	52.89	ug/l	99
15) Acrylonitrile	3.38	53	336017	407.76	ug/l	95
16) Acetone	2.63	43	318662	247.28	ug/l #	92
17) Carbon Disulfide	2.77	76	502686	46.10	ug/l	99
18) Methyl Acetate	2.96	43	151078	54.97	ug/l	96
19) Methyl tert-butyl Ether	3.42	73	838165	98.60	ug/l	98
20) Methylene Chloride	3.09	84	181677	54.43	ug/l	97
21) trans-1,2-Dichloroethene	3.40	96	371268	105.99	ug/l	94
22) Diisopropyl ether	4.09	45	1518864	51.27	ug/l	95
23) Vinyl Acetate	4.04	43	3925527	247.17	ug/l	99
24) 1,1-Dichloroethane	3.99	63	837661	52.48	ug/l	98
25) 2-Butanone	4.85	43	675026	240.34	ug/l	100
26) 2,2-Dichloropropane	4.81	77	622381	46.57	ug/l	99
27) cis-1,2-Dichloroethene	4.82	96	464359	53.05	ug/l	99
28) Bromochloromethane	5.17	49	355786	49.73	ug/l #	91
29) Tetrahydrofuran	5.20	42	355563	237.84	ug/l	99
30) Chloroform	5.34	83	880576	52.26	ug/l	95
31) Cyclohexane	5.61	56	577439	49.81	ug/l	99
32) 1,1,1-Trichloroethane	5.53	97	729182	52.38	ug/l	97
36) 1,1-Dichloropropene	5.77	75	585752	46.54	ug/l	97
37) Ethyl Acetate	4.95	43	334856	46.70	ug/l	99
38) Carbon Tetrachloride	5.75	117	616528	49.30	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058361.D
 Acq On : 24 Jun 2018 00:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 25 01:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	582633	47.53	ug/l	99
40) Benzene	6.03	78	1401230	46.74	ug/l	98
41) Methacrylonitrile	5.15	41	160429	46.33	ug/l	93
42) 1,2-Dichloroethane	6.14	62	614088	50.80	ug/l	99
43) Isopropyl Acetate	7.63	43	451461	47.22	ug/l #	99
44) Trichloroethene	7.00	130	465791	51.74	ug/l	98
45) 1,2-Dichloropropane	7.36	63	402745	49.88	ug/l	98
46) Dibromomethane	7.48	93	280578	50.90	ug/l	99
47) Bromodichloromethane	7.75	83	647148	51.49	ug/l	99
48) Methyl methacrylate	7.52	41	279239	48.06	ug/l	98
49) 1,4-Dioxane	7.50	88	49341	940.74	ug/l	89
51) 4-Methyl-2-Pentanone	8.61	43	1456550	233.58	ug/l	99
52) Toluene	8.82	92	805124	47.16	ug/l	99
53) t-1,3-Dichloropropene	9.20	75	529865	48.49	ug/l	99
54) cis-1,3-Dichloropropene	8.37	75	636102	49.65	ug/l	99
55) 1,1,2-Trichloroethane	9.47	97	296123	49.03	ug/l	98
56) Ethyl methacrylate	9.33	69	355224	49.18	ug/l	96
57) 1,3-Dichloropropane	9.67	76	490887	48.25	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.20	63	887816	248.28	ug/l	97
59) 2-Hexanone	9.80	43	1076875	238.99	ug/l	97
60) Dibromochloromethane	9.97	129	428007	52.22	ug/l	96
61) 1,2-Dibromoethane	10.11	107	330284	49.96	ug/l	98
64) Tetrachloroethene	9.53	164	440219	50.95	ug/l	97
65) Chlorobenzene	10.73	112	982716	51.16	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.86	131	359495	48.50	ug/l	98
67) Ethyl Benzene	10.87	91	1575770	46.47	ug/l	99
68) m/p-Xylenes	11.02	106	1060902	93.82	ug/l	98
69) o-Xylene	11.42	106	528835	48.96	ug/l	91
70) Styrene	11.44	104	872521	47.34	ug/l	98
71) Bromoform	11.60	173	311653	52.71	ug/l	97
73) Isopropylbenzene	11.78	105	1537380	51.67	ug/l	100
74) N-amyl acetate	11.65	43	596642	51.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.09	83	359809	51.97	ug/l	100
76) 1,2,3-Trichloropropane	12.12	75	368499	50.74	ug/l	98
77) Bromobenzene	12.05	156	478216	53.67	ug/l	93
78) n-propylbenzene	12.15	91	1942331	50.55	ug/l	95
79) 2-Chlorotoluene	12.22	91	1137080	51.72	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	1204231	51.89	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.85	75	86873	49.05	ug/l	92
82) 4-Chlorotoluene	12.33	91	1263619	60.07	ug/l	94
83) tert-Butylbenzene	12.58	119	1335173	50.04	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	1290276	51.15	ug/l	97
85) sec-Butylbenzene	12.77	105	1589154	50.82	ug/l	97
86) p-Isopropyltoluene	12.89	119	1276651	50.37	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	776563	50.15	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	734513	48.57	ug/l	97
89) n-Butylbenzene	13.20	91	1282098	48.14	ug/l	98
90) Hexachloroethane	13.41	117	348035	52.91	ug/l	83
91) 1,2-Dichlorobenzene	13.20	146	629826	47.79	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.78	75	56460	51.24	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058361.D
Acq On : 24 Jun 2018 00:45
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 25 01:14:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	630386	50.02	ug/l	97
94) Hexachlorobutadiene	14.44	225	495086	50.22	ug/l	98
95) Naphthalene	14.52	128	816516	49.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	535293	48.51	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058361.D
 Acq On : 24 Jun 2018 00:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 25 01:14:41 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

