

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065003.D
 Acq On : 30 Jan 2020 10:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:25:35 PM

Quant Time: Jan 30 12:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	462888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	665074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	598546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233462	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.92	113	230466	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
50) Toluene-d8	10.34	98	893026	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	281330	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	179474	51.467	ug/l	100
3) Chloromethane	2.21	50	248142	48.552	ug/l	98
4) Vinyl Chloride	2.36	62	279033	47.535	ug/l	100
5) Bromomethane	2.77	94	179884	45.556	ug/l	98
6) Chloroethane	2.93	64	190314	49.177	ug/l	98
7) Trichlorofluoromethane	3.27	101	440677	48.609	ug/l	98
8) Diethyl Ether	3.71	74	100615	49.162	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	219373	52.011	ug/l	99
10) Methyl Iodide	4.30	142	231175	51.635	ug/l	99
11) Tert butyl alcohol	5.24	59	59448	242.286	ug/l	97
12) 1,1-Dichloroethene	4.06	96	207288	51.445	ug/l	97
13) Acrolein	3.93	56	93688	304.589	ug/l	90
14) Allyl chloride	4.71	41	341323	53.113	ug/l	97
15) Acrylonitrile	5.43	53	225620	254.577	ug/l	99
16) Acetone	4.17	43	272648	261.293	ug/l	100
17) Carbon Disulfide	4.40	76	658673	49.670	ug/l	99
18) Methyl Acetate	4.72	43	102959	49.512	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	460416	51.140	ug/l	97
20) Methylene Chloride	4.96	84	225293	52.499	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	239544	51.600	ug/l	97
22) Diisopropyl ether	6.37	45	676000	52.782	ug/l	98
23) Vinyl Acetate	6.31	43	1971782	262.956	ug/l	99
24) 1,1-Dichloroethane	6.27	63	407896	51.872	ug/l	98
25) 2-Butanone	7.22	43	321680	268.166	ug/l	99
26) 2,2-Dichloropropane	7.21	77	377501	52.926	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	255808	51.627	ug/l	99
28) Bromochloromethane	7.56	49	172108	54.728	ug/l	97
29) Tetrahydrofuran	7.57	42	185188	250.211	ug/l	99
30) Chloroform	7.71	83	418442	51.477	ug/l	100
31) Cyclohexane	7.98	56	378483	48.927	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	385540	50.983	ug/l	99
36) 1,1-Dichloropropene	8.11	75	338928	52.848	ug/l	100
37) Ethyl Acetate	7.30	43	133133	50.257	ug/l	99
38) Carbon Tetrachloride	8.10	117	350875	51.763	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065003.D
 Acq On : 30 Jan 2020 10:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:25:35 PM

Quant Time: Jan 30 12:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	397618	53.031	ug/l	97
40) Benzene	8.35	78	924319	52.331	ug/l	99
41) Methacrylonitrile	7.53	41	77718	54.462	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	273467	51.975	ug/l	99
43) Isopropyl Acetate	8.46	43	258278	51.328	ug/l	100
44) Trichloroethene	9.11	130	259947	52.586	ug/l	98
45) 1,2-Dichloropropane	9.39	63	221875	51.817	ug/l	98
46) Dibromomethane	9.48	93	119773	51.235	ug/l	97
47) Bromodichloromethane	9.67	83	322356	52.993	ug/l	98
48) Methyl methacrylate	9.46	41	129056	55.733	ug/l	96
49) 1,4-Dioxane	9.47	88	27302	1006.989	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	651513	258.765	ug/l	100
52) Toluene	10.41	92	601742	52.842	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	305158	52.665	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	359356	52.970	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	163560	51.942	ug/l	94
56) Ethyl methacrylate	10.67	69	202233	53.706	ug/l	100
57) 1,3-Dichloropropane	10.95	76	277826	51.440	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	335099	267.864	ug/l	100
59) 2-Hexanone	10.99	43	500292	288.072	ug/l	99
60) Dibromochloromethane	11.14	129	221709	52.679	ug/l	100
61) 1,2-Dibromoethane	11.25	107	154530	50.965	ug/l	99
64) Tetrachloroethene	10.88	164	223421	51.655	ug/l	97
65) Chlorobenzene	11.68	112	620787	51.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	237098	51.877	ug/l	100
67) Ethyl Benzene	11.75	91	1134758	52.595	ug/l	98
68) m/p-Xylenes	11.86	106	890891	107.247	ug/l	99
69) o-Xylene	12.19	106	390118	52.916	ug/l	99
70) Styrene	12.20	104	709392	54.016	ug/l	99
71) Bromoform	12.37	173	127811	50.307	ug/l #	100
73) Isopropylbenzene	12.48	105	1072675	54.975	ug/l	100
74) N-amyl acetate	12.30	43	230435	52.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	165163	50.364	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	119248m	50.327	ug/l	
77) Bromobenzene	12.77	156	255055	53.425	ug/l	100
78) n-propylbenzene	12.83	91	1275752	54.979	ug/l	99
79) 2-Chlorotoluene	12.91	91	692269	54.383	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	887143	55.481	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	56065	50.522	ug/l	96
82) 4-Chlorotoluene	13.01	91	725764	53.761	ug/l	99
83) tert-Butylbenzene	13.23	119	759520	55.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	879038	54.268	ug/l	100
85) sec-Butylbenzene	13.41	105	1039213	54.089	ug/l	99
86) p-Isopropyltoluene	13.53	119	976240	54.299	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	489781	53.469	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	475305	52.280	ug/l	100
89) n-Butylbenzene	13.86	91	896654	54.649	ug/l	99
90) Hexachloroethane	14.12	117	186373	53.755	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	413772	53.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.53	75	27167	51.766	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
Data File : VD065003.D
Acq On : 30 Jan 2020 10:14
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
1/31/2020 4:25:35 PM

Quant Time: Jan 30 12:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	282014	52.419	ug/l	99
94) Hexachlorobutadiene	15.28	225	175511	51.576	ug/l	98
95) Naphthalene	15.41	128	461755	53.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	238725	51.177	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065003.D
 Acq On : 30 Jan 2020 10:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:25:35 PM

Quant Time: Jan 30 12:35:06 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

