

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059881.D
 Acq On : 23 Aug 2018 11:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 3:08:57 PM

Quant Time: Aug 23 14:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1332463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1848367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1537409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	799500	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	560848	49.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.88%	
35) Dibromofluoromethane	6.32	113	739134	51.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.02%	
50) Toluene-d8	9.45	98	2060658	51.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.43	95	807470	49.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	581133	48.79	ug/l	97
3) Chloromethane	1.76	50	551810	51.14	ug/l	99
4) Vinyl Chloride	1.85	62	456849	54.00	ug/l	99
5) Bromomethane	2.14	94	72125	49.38	ug/l	96
6) Chloroethane	2.25	64	130091	46.89	ug/l	96
7) Trichlorofluoromethane	2.51	101	518361	52.96	ug/l	98
8) Diethyl Ether	2.82	74	110601	50.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.09	101	318960	53.21	ug/l	99
10) Methyl Iodide	3.24	142	323496	50.61	ug/l	100
11) Tert butyl alcohol	3.96	59	202313	236.09	ug/l	99
12) 1,1-Dichloroethene	3.07	96	250195	53.62	ug/l	98
13) Acrolein	2.98	56	98955	266.25	ug/l	96
14) Allyl chloride	3.53	41	550674	52.16	ug/l	96
15) Acrylonitrile	4.08	53	760044	236.85	ug/l	100
16) Acetone	3.16	43	601946m	294.19	ug/l	
17) Carbon Disulfide	3.31	76	790004	54.54	ug/l	98
18) Methyl Acetate	3.55	43	209705	49.10	ug/l	97
19) Methyl tert-butyl Ether	4.12	73	1289108	48.83	ug/l	100
20) Methylene Chloride	3.72	84	666675	48.72	ug/l	99
21) trans-1,2-Dichloroethene	4.09	96	632160	49.17	ug/l	98
22) Diisopropyl ether	4.85	45	2674168	49.67	ug/l	96
23) Vinyl Acetate	4.80	43	7390959	245.57	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1162653	49.99	ug/l	99
25) 2-Butanone	5.62	43	1566261	258.46	ug/l	99
26) 2,2-Dichloropropane	5.59	77	970465	49.91	ug/l	98
27) cis-1,2-Dichloroethene	5.59	96	704000	50.01	ug/l	99
28) Bromochloromethane	5.92	49	575969	51.67	ug/l	99
29) Tetrahydrofuran	5.95	42	708745	245.67	ug/l	99
30) Chloroform	6.10	83	1202618	50.88	ug/l	98
31) Cyclohexane	6.36	56	1024862	47.93	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	1006351	50.16	ug/l	99
36) 1,1-Dichloropropene	6.52	75	838590	50.05	ug/l	98
37) Ethyl Acetate	5.69	43	631151	48.41	ug/l	97
38) Carbon Tetrachloride	6.50	117	839941	49.67	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059881.D
 Acq On : 23 Aug 2018 11:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 3:08:57 PM

Quant Time: Aug 23 14:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	916202	50.61	ug/l	100
40) Benzene	6.79	78	2159944	49.58	ug/l	100
41) Methacrylonitrile	5.92	41	333487m	50.78	ug/l	
42) 1,2-Dichloroethane	6.89	62	710819	50.82	ug/l	99
43) Isopropyl Acetate	8.35	43	828784	48.86	ug/l	100
44) Trichloroethene	7.74	130	647030	50.44	ug/l	97
45) 1,2-Dichloropropane	8.11	63	601292	49.38	ug/l	99
46) Dibromomethane	8.21	93	389542	49.75	ug/l	98
47) Bromodichloromethane	8.49	83	896163	50.56	ug/l	99
48) Methyl methacrylate	8.24	41	481409	48.69	ug/l	100
49) 1,4-Dioxane	8.22	88	83866	950.01	ug/l	94
51) 4-Methyl-2-Pentanone	9.34	43	3294522	260.52	ug/l	99
52) Toluene	9.55	92	1421859	50.90	ug/l	98
53) t-1,3-Dichloropropene	9.92	75	830994	50.68	ug/l	99
54) cis-1,3-Dichloropropene	9.10	75	947172	49.83	ug/l	98
55) 1,1,2-Trichloroethane	10.18	97	452265	44.29	ug/l	98
56) Ethyl methacrylate	10.03	69	572550	48.58	ug/l	99
57) 1,3-Dichloropropane	10.38	76	724487	49.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.92	63	1399930	247.61	ug/l	97
59) 2-Hexanone	10.49	43	2385043	255.70	ug/l	99
60) Dibromochloromethane	10.64	129	640570	49.91	ug/l	97
61) 1,2-Dibromoethane	10.76	107	501660	48.58	ug/l	100
64) Tetrachloroethene	10.25	164	592764	49.86	ug/l	99
65) Chlorobenzene	11.31	112	1540740	50.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	558069	50.00	ug/l	99
67) Ethyl Benzene	11.43	91	2609224	50.77	ug/l	99
68) m/p-Xylenes	11.57	106	1901257	101.60	ug/l	98
69) o-Xylene	11.93	106	932953	50.97	ug/l	98
70) Styrene	11.95	104	1607374	50.72	ug/l	98
71) Bromoform	12.11	173	484167	50.13	ug/l	99
73) Isopropylbenzene	12.28	105	2569648	50.35	ug/l	99
74) N-amyl acetate	12.13	43	1086751	48.63	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	569343	48.23	ug/l	100
76) 1,2,3-Trichloropropane	12.59	75	604153	48.62	ug/l	97
77) Bromobenzene	12.54	156	714778	50.51	ug/l	85
78) n-propylbenzene	12.63	91	3218418	49.80	ug/l	97
79) 2-Chlorotoluene	12.70	91	1865760	51.05	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	1960297	48.31	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.34	75	186440	48.23	ug/l	97
82) 4-Chlorotoluene	12.81	91	1990966	47.76	ug/l	97
83) tert-Butylbenzene	13.05	119	2286250	49.46	ug/l	97
84) 1,2,4-Trimethylbenzene	13.09	105	2083771	49.27	ug/l	98
85) sec-Butylbenzene	13.22	105	2710793	49.87	ug/l	98
86) p-Isopropyltoluene	13.34	119	2203549	49.85	ug/l	98
87) 1,3-Dichlorobenzene	13.31	146	1243858	49.24	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	1233469	48.94	ug/l	98
89) n-Butylbenzene	13.65	91	2199030	52.75	ug/l	99
90) Hexachloroethane	13.85	117	586540	49.41	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1039023	48.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	89547	49.34	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059881.D
Acq On : 23 Aug 2018 11:01
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/24/2018 3:08:57 PM

Quant Time: Aug 23 14:48:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	893342	48.57	ug/l	99
94) Hexachlorobutadiene	14.88	225	621717	51.57	ug/l	99
95) Naphthalene	14.96	128	1385551	49.30	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	757945	48.19	ug/l	100

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

