

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067070.D
 Acq On : 03 Oct 2020 08:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:40 PM

Quant Time: Oct 03 08:44:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	454980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	773270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	702111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329154	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	218582	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.91	113	239381	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.34	98	885132	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.63	95	298087	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	173048	46.942	ug/l	98
3) Chloromethane	2.21	50	169882	46.885	ug/l	94
4) Vinyl Chloride	2.35	62	170483	46.924	ug/l	99
5) Bromomethane	2.77	94	136748	59.189	ug/l	97
6) Chloroethane	2.93	64	107012	48.365	ug/l	98
7) Trichlorofluoromethane	3.28	101	351694	43.570	ug/l	99
8) Diethyl Ether	3.71	74	106978	53.444	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	203930	44.698	ug/l	99
10) Methyl Iodide	4.30	142	217395	49.039	ug/l	99
11) Tert butyl alcohol	5.22	59	62022	239.434	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	205593	47.935	ug/l	98
13) Acrolein	3.92	56	53088	180.916	ug/l	98
14) Allyl chloride	4.71	41	283739	50.924	ug/l	99
15) Acrylonitrile	5.43	53	187996	255.185	ug/l	99
16) Acetone	4.16	43	157331	235.185	ug/l	98
17) Carbon Disulfide	4.41	76	629568	47.830	ug/l	100
18) Methyl Acetate	4.72	43	103718	61.687	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	428535	54.733	ug/l	100
20) Methylene Chloride	4.97	84	270974	58.287	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	246825	50.568	ug/l	96
22) Diisopropyl ether	6.37	45	564326	55.478	ug/l	98
23) Vinyl Acetate	6.31	43	1501725	260.530	ug/l	100
24) 1,1-Dichloroethane	6.27	63	406779	51.817	ug/l	99
25) 2-Butanone	7.21	43	237480	250.390	ug/l	99
26) 2,2-Dichloropropane	7.21	77	302703	44.653	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	282154	54.126	ug/l	97
28) Bromochloromethane	7.54	49	168562	55.600	ug/l	100
29) Tetrahydrofuran	7.57	42	144913	265.727	ug/l	98
30) Chloroform	7.71	83	441111	51.799	ug/l	97
31) Cyclohexane	7.98	56	286912	43.594	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	386840	49.015	ug/l	98
36) 1,1-Dichloropropene	8.11	75	314880	43.686	ug/l	98
37) Ethyl Acetate	7.30	43	117287	46.972	ug/l	97
38) Carbon Tetrachloride	8.10	117	343600	44.059	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067070.D
 Acq On : 03 Oct 2020 08:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:40 PM

Quant Time: Oct 03 08:44:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	333098	43.712	ug/l	99
40) Benzene	8.35	78	971278	48.516	ug/l	97
41) Methacrylonitrile	7.53	41	66267	49.124	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	262533	46.930	ug/l	99
43) Isopropyl Acetate	8.45	43	211504	45.980	ug/l	98
44) Trichloroethene	9.11	130	273942	45.824	ug/l	98
45) 1,2-Dichloropropane	9.38	63	234018	49.750	ug/l	96
46) Dibromomethane	9.47	93	130134	48.134	ug/l	98
47) Bromodichloromethane	9.66	83	339739	48.342	ug/l	100
48) Methyl methacrylate	9.46	41	105992	44.977	ug/l #	84
49) 1,4-Dioxane	9.46	88	26052	923.283	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	567080	247.502	ug/l	98
52) Toluene	10.40	92	636397	49.347	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	293738	46.766	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	360352	46.983	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	178461	47.478	ug/l	94
56) Ethyl methacrylate	10.66	69	202972	52.303	ug/l	98
57) 1,3-Dichloropropane	10.94	76	299381	49.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	584424	270.574	ug/l	99
59) 2-Hexanone	10.98	43	371435	242.887	ug/l	98
60) Dibromochloromethane	11.14	129	240966	48.099	ug/l	97
61) 1,2-Dibromoethane	11.24	107	176766	48.950	ug/l	99
64) Tetrachloroethene	10.87	164	253526	49.669	ug/l	92
65) Chlorobenzene	11.67	112	680456	48.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	257253	48.431	ug/l	100
67) Ethyl Benzene	11.74	91	1179206	49.285	ug/l	99
68) m/p-Xylenes	11.86	106	901354	96.667	ug/l	99
69) o-Xylene	12.18	106	422764	50.701	ug/l	99
70) Styrene	12.20	104	731413	51.083	ug/l	99
71) Bromoform	12.36	173	132149	47.928	ug/l #	99
73) Isopropylbenzene	12.48	105	1123083	50.250	ug/l	99
74) N-amyl acetate	12.29	43	186818	46.498	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	181436	48.182	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	143715m	50.127	ug/l	
77) Bromobenzene	12.76	156	273978	50.768	ug/l	97
78) n-propylbenzene	12.82	91	1281475	48.515	ug/l	99
79) 2-Chlorotoluene	12.91	91	750064	49.632	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	941159	49.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51588	44.860	ug/l	96
82) 4-Chlorotoluene	13.01	91	783128	48.705	ug/l	99
83) tert-Butylbenzene	13.23	119	815012	51.254	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	946885	50.247	ug/l	98
85) sec-Butylbenzene	13.41	105	1074752	47.994	ug/l	100
86) p-Isopropyltoluene	13.52	119	992696	47.815	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503811	47.928	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	496779	47.264	ug/l	99
89) n-Butylbenzene	13.85	91	848821	44.736	ug/l	100
90) Hexachloroethane	14.12	117	174108	47.876	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	446757	48.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28186	46.434	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067070.D
Acq On : 03 Oct 2020 08:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2020 5:34:40 PM

Quant Time: Oct 03 08:44:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	284486	47.908	ug/l	99
94) Hexachlorobutadiene	15.28	225	161414	44.261	ug/l	98
95) Naphthalene	15.41	128	519625	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	256715	49.801	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067070.D
 Acq On : 03 Oct 2020 08:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:40 PM

Quant Time: Oct 03 08:44:09 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

