

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065459.D
 Acq On : 10 Mar 2020 10:59
 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
 3/11/2020 3:20:44 PM

Quant Time: Mar 11 03:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	661644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	614208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	202234	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.92	113	217044	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.34	98	851784	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.64	95	272487	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	181423	44.929	ug/l	98
3) Chloromethane	2.21	50	222889	45.720	ug/l	99
4) Vinyl Chloride	2.35	62	229152	47.655	ug/l	98
5) Bromomethane	2.77	94	145259	54.326	ug/l	98
6) Chloroethane	2.93	64	144312	49.002	ug/l	99
7) Trichlorofluoromethane	3.27	101	347561	49.053	ug/l	99
8) Diethyl Ether	3.70	74	104226	49.465	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	225789	49.479	ug/l	99
10) Methyl Iodide	4.29	142	242522	51.156	ug/l	98
11) Tert butyl alcohol	5.24	59	52034m	225.082	ug/l	
12) 1,1-Dichloroethene	4.06	96	211306	48.358	ug/l	94
13) Acrolein	3.93	56	112823	282.981	ug/l	100
14) Allyl chloride	4.71	41	325589	48.505	ug/l	99
15) Acrylonitrile	5.43	53	229379	250.234	ug/l	99
16) Acetone	4.16	43	223001	273.589	ug/l	99
17) Carbon Disulfide	4.40	76	690094	47.424	ug/l	99
18) Methyl Acetate	4.72	43	99005	47.884	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	425623	50.651	ug/l	100
20) Methylene Chloride	4.96	84	232355	52.678	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	248774	51.179	ug/l	96
22) Diisopropyl ether	6.37	45	655908	52.564	ug/l	97
23) Vinyl Acetate	6.31	43	1850548	267.093	ug/l	100
24) 1,1-Dichloroethane	6.26	63	402039	50.232	ug/l	98
25) 2-Butanone	7.22	43	286370	257.453	ug/l	96
26) 2,2-Dichloropropane	7.21	77	356212	50.929	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	248680	50.052	ug/l	99
28) Bromochloromethane	7.55	49	166625	52.035	ug/l	100
29) Tetrahydrofuran	7.57	42	177855	250.380	ug/l	98
30) Chloroform	7.71	83	409174	51.148	ug/l	99
31) Cyclohexane	7.98	56	386036	48.236	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	376347	50.907	ug/l	99
36) 1,1-Dichloropropene	8.11	75	333291	52.551	ug/l	98
37) Ethyl Acetate	7.30	43	130039	53.047	ug/l	99
38) Carbon Tetrachloride	8.10	117	348481	52.987	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065459.D
 Acq On : 10 Mar 2020 10:59
 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
 3/11/2020 3:20:44 PM

Quant Time: Mar 11 03:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	406585	53.078	ug/l	95
40) Benzene	8.35	78	961283	54.210	ug/l	99
41) Methacrylonitrile	7.53	41	74491	57.459	ug/l #	83
42) 1,2-Dichloroethane	8.43	62	248231	53.608	ug/l	100
43) Isopropyl Acetate	8.46	43	237236	52.412	ug/l	99
44) Trichloroethene	9.11	130	267804	53.477	ug/l	97
45) 1,2-Dichloropropane	9.39	63	231892	53.986	ug/l	99
46) Dibromomethane	9.48	93	118858	53.346	ug/l	97
47) Bromodichloromethane	9.67	83	316402	54.585	ug/l	98
48) Methyl methacrylate	9.46	41	121083	56.869	ug/l	95
49) 1,4-Dioxane	9.47	88	28099	1102.531	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	624220	274.051	ug/l	99
52) Toluene	10.40	92	618280	55.347	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	293173	54.122	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	355493	54.218	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	167105	52.953	ug/l	98
56) Ethyl methacrylate	10.67	69	200891	56.469	ug/l	97
57) 1,3-Dichloropropane	10.95	76	287704	53.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	266432	239.710	ug/l	98
59) 2-Hexanone	10.99	43	448230	284.275	ug/l	99
60) Dibromochloromethane	11.14	129	220908	54.611	ug/l	99
61) 1,2-Dibromoethane	11.25	107	163674	54.376	ug/l	99
64) Tetrachloroethene	10.88	164	232249	52.770	ug/l	98
65) Chlorobenzene	11.67	112	638201	52.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	237916	53.746	ug/l	97
67) Ethyl Benzene	11.75	91	1146562	54.594	ug/l	99
68) m/p-Xylenes	11.86	106	896147	110.663	ug/l	100
69) o-Xylene	12.18	106	391491	54.960	ug/l	98
70) Styrene	12.20	104	703848	56.144	ug/l	99
71) Bromoform	12.37	173	132286	53.202	ug/l	99
73) Isopropylbenzene	12.48	105	1091440	54.027	ug/l	100
74) N-amyl acetate	12.30	43	213853	51.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	180583	50.854	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	120596m	49.760	ug/l	
77) Bromobenzene	12.77	156	266797	53.156	ug/l	98
78) n-propylbenzene	12.83	91	1314078	54.823	ug/l	99
79) 2-Chlorotoluene	12.91	91	715565	52.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	904726	54.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	57780	50.312	ug/l	94
82) 4-Chlorotoluene	13.01	91	753248	53.063	ug/l	99
83) tert-Butylbenzene	13.23	119	764144	54.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	892556	54.521	ug/l	99
85) sec-Butylbenzene	13.41	105	1081896	53.944	ug/l	99
86) p-Isopropyltoluene	13.53	119	1014204	55.418	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	500047	51.821	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	500928	52.187	ug/l	99
89) n-Butylbenzene	13.86	91	931513	55.056	ug/l	100
90) Hexachloroethane	14.12	117	197455	52.391	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	432396	52.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27064	50.044	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
Data File : VD065459.D
Acq On : 10 Mar 2020 10:59
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
3/11/2020 3:20:44 PM

Quant Time: Mar 11 03:23:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	296543	53.281	ug/l	98
94) Hexachlorobutadiene	15.28	225	192426	52.618	ug/l	98
95) Naphthalene	15.41	128	476967	48.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	256349	53.301	ug/l	98

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

