

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065715.D
 Acq On : 07 May 2020 17:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 07:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	386065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	586807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	176165	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.92	113	182029	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.34	98	696072	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	232972	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	141219	46.637	ug/l	100
3) Chloromethane	2.21	50	191210	50.069	ug/l	100
4) Vinyl Chloride	2.35	62	205744	53.171	ug/l	97
5) Bromomethane	2.77	94	127695	52.289	ug/l	99
6) Chloroethane	2.92	64	127837	51.432	ug/l	100
7) Trichlorofluoromethane	3.27	101	290136	47.006	ug/l	100
8) Diethyl Ether	3.70	74	88609	45.823	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	176214	47.031	ug/l	96
10) Methyl Iodide	4.30	142	190164	51.741	ug/l	98
11) Tert butyl alcohol	5.22	59	64732	220.639	ug/l	99
12) 1,1-Dichloroethene	4.07	96	173610	47.146	ug/l	93
13) Acrolein	3.93	56	63463	199.726	ug/l	100
14) Allyl chloride	4.71	41	306373	41.735	ug/l	97
15) Acrylonitrile	5.42	53	196713	216.374	ug/l	99
16) Acetone	4.16	43	170356	206.335	ug/l	99
17) Carbon Disulfide	4.41	76	552836	45.654	ug/l	98
18) Methyl Acetate	4.72	43	83587	40.718	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	415118	46.492	ug/l	97
20) Methylene Chloride	4.97	84	191335	46.004	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	195963	46.486	ug/l	93
22) Diisopropyl ether	6.36	45	597880	43.796	ug/l	97
23) Vinyl Acetate	6.31	43	1795411	217.750	ug/l	98
24) 1,1-Dichloroethane	6.27	63	337186	45.088	ug/l	98
25) 2-Butanone	7.22	43	255677	208.771	ug/l	99
26) 2,2-Dichloropropane	7.21	77	299855	44.534	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	215210	47.048	ug/l	96
28) Bromochloromethane	7.55	49	142588	45.715	ug/l	89
29) Tetrahydrofuran	7.57	42	165179	209.260	ug/l	95
30) Chloroform	7.71	83	335178	46.575	ug/l	98
31) Cyclohexane	7.98	56	328412	42.441	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	304993	45.719	ug/l	98
36) 1,1-Dichloropropene	8.11	75	268116	46.007	ug/l	96
37) Ethyl Acetate	7.30	43	121253	43.210	ug/l	98
38) Carbon Tetrachloride	8.10	117	278517	48.203	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065715.D
 Acq On : 07 May 2020 17:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 07:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	345276	47.192	ug/l	94
40) Benzene	8.36	78	749034	47.062	ug/l	98
41) Methacrylonitrile	7.53	41	54231	33.506	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	212964	46.501	ug/l	98
43) Isopropyl Acetate	8.46	43	247065	44.029	ug/l	99
44) Trichloroethene	9.11	130	217111	49.501	ug/l	95
45) 1,2-Dichloropropane	9.39	63	191741	46.585	ug/l	98
46) Dibromomethane	9.48	93	100347	48.604	ug/l	97
47) Bromodichloromethane	9.67	83	261728	47.406	ug/l	99
48) Methyl methacrylate	9.46	41	121090	43.097	ug/l	98
49) 1,4-Dioxane	9.47	88	23579	931.691	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	584668	216.192	ug/l	99
52) Toluene	10.41	92	487792	48.464	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	261091	46.688	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	309201	46.933	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	136158	48.920	ug/l	94
56) Ethyl methacrylate	10.67	69	185786	46.229	ug/l	93
57) 1,3-Dichloropropane	10.95	76	236603	47.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	430403	233.289	ug/l	96
59) 2-Hexanone	10.99	43	396570	213.200	ug/l	100
60) Dibromochloromethane	11.14	129	180989	48.407	ug/l	99
61) 1,2-Dibromoethane	11.25	107	136453	48.725	ug/l	99
64) Tetrachloroethene	10.88	164	186061	50.217	ug/l	99
65) Chlorobenzene	11.67	112	509257	48.549	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	187954	48.057	ug/l	97
67) Ethyl Benzene	11.75	91	933469	47.702	ug/l	100
68) m/p-Xylenes	11.86	106	708495	97.118	ug/l	97
69) o-Xylene	12.18	106	329410	48.390	ug/l	96
70) Styrene	12.20	104	569216	48.634	ug/l	98
71) Bromoform	12.37	173	108660	49.377	ug/l #	99
73) Isopropylbenzene	12.48	105	897520	47.071	ug/l	99
74) N-amyl acetate	12.30	43	223697	41.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	143199	44.786	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	99136m	46.642	ug/l	
77) Bromobenzene	12.77	156	217429	49.728	ug/l	93
78) n-propylbenzene	12.83	91	1051511	46.835	ug/l	99
79) 2-Chlorotoluene	12.91	91	572861	45.161	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	745414	47.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	53675	44.702	ug/l	96
82) 4-Chlorotoluene	13.01	91	608753	45.861	ug/l	99
83) tert-Butylbenzene	13.23	119	637185	47.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	733572	47.043	ug/l	99
85) sec-Butylbenzene	13.41	105	892186	47.733	ug/l	99
86) p-Isopropyltoluene	13.53	119	819059	48.088	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	397824	48.409	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	402305	49.619	ug/l	98
89) n-Butylbenzene	13.85	91	771611	46.757	ug/l	99
90) Hexachloroethane	14.12	117	161250	47.531	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	349461	49.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22754	42.338	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
Data File : VD065715.D
Acq On : 07 May 2020 17:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: May 08 07:55:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	266294	50.051	ug/l	98
94) Hexachlorobutadiene	15.28	225	157037	50.930	ug/l	99
95) Naphthalene	15.41	128	449855	48.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	229311	50.668	ug/l	98

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

