

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062137.D
 Acq On : 7 May 2019 12:06
 Operator : FY/SY
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 07 13:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 13:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	953392	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1291870	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1046626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	539261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	88112	9.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	19.42%	
35) Dibromofluoromethane	6.91	113	101550	8.69	ug/l	0.02
Spiked Amount	50.000		Recovery	=	17.38%	
50) Toluene-d8	10.40	98	267102	9.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.62%	
62) 4-Bromofluorobenzene	13.55	95	103179	8.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	92181	9.993	ug/l	100
3) Chloromethane	1.75	50	64070	10.170	ug/l	92
4) Vinyl Chloride	1.85	62	62952	9.317	ug/l	97
5) Bromomethane	2.14	94	14546	8.988	ug/l	87
6) Chloroethane	2.26	64	28474	9.602	ug/l	96
7) Trichlorofluoromethane	2.52	101	123149	9.619	ug/l	96
8) Diethyl Ether	2.86	74	24255	9.837	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.14	101	98777	9.953	ug/l	96
10) Methyl Iodide	3.30	142	136612	9.338	ug/l	93
11) Tert butyl alcohol	4.04	59	20954	47.785	ug/l #	91
12) 1,1-Dichloroethene	3.12	96	71472	9.039	ug/l	94
13) Acrolein	3.03	56	25413	56.628	ug/l	89
14) Allyl chloride	3.61	41	109500	9.918	ug/l	87
15) Acrylonitrile	4.19	53	58061	49.660	ug/l	93
16) Acetone	3.20	43	98440	51.634	ug/l	93
17) Carbon Disulfide	3.37	76	189967	8.770	ug/l #	95
18) Methyl Acetate	3.63	43	31564	9.767	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	155642	9.882	ug/l #	91
20) Methylene Chloride	3.80	84	75885	10.066	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	72901	8.480	ug/l	94
22) Diisopropyl ether	5.10	45	223413	9.906	ug/l	98
23) Vinyl Acetate	5.03	43	587783	47.645	ug/l	99
24) 1,1-Dichloroethane	4.96	63	127480	9.624	ug/l	98
25) 2-Butanone	6.05	43	96866	49.712	ug/l	95
26) 2,2-Dichloropropane	6.01	77	135316	10.313	ug/l	95
27) cis-1,2-Dichloroethene	6.02	96	87027	9.817	ug/l	98
28) Bromochloromethane	6.42	49	56687	10.755	ug/l	88
29) Tetrahydrofuran	6.44	42	47388	54.469	ug/l	94
30) Chloroform	6.65	83	160492	9.806	ug/l	98
31) Cyclohexane	6.94	56	86039	8.991	ug/l	91
32) 1,1,1-Trichloroethane	6.85	97	144881	9.146	ug/l	97
36) 1,1-Dichloropropene	7.13	75	106652	9.903	ug/l	95
37) Ethyl Acetate	6.17	43	45208	9.683	ug/l #	91
38) Carbon Tetrachloride	7.09	117	147011	9.628	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062137.D
 Acq On : 7 May 2019 12:06
 Operator : FY/SY
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 07 13:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 13:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	101491	9.375	ug/l	98
40) Benzene	7.44	78	242184	9.916	ug/l	99
41) Methacrylonitrile	6.42	41	57772	10.532	ug/l	94
42) 1,2-Dichloroethane	7.56	62	99328	9.535	ug/l	99
43) Isopropyl Acetate	9.23	43	62983	9.695	ug/l	97
44) Trichloroethene	8.53	130	89861	9.359	ug/l	90
45) 1,2-Dichloropropane	8.92	63	56564	9.356	ug/l	92
46) Dibromomethane	9.05	93	47883	9.651	ug/l #	87
47) Bromodichloromethane	9.36	83	112490	9.287	ug/l #	95
48) Methyl methacrylate	9.11	41	40456	10.336	ug/l	87
49) 1,4-Dioxane	9.07	88	8288	194.535	ug/l	92
51) 4-Methyl-2-Pentanone	10.28	43	202885	50.119	ug/l	96
52) Toluene	10.50	92	158018	9.831	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	100933	9.508	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	104596	8.781	ug/l	91
55) 1,1,2-Trichloroethane	11.17	97	54526	9.245	ug/l	96
56) Ethyl methacrylate	11.03	69	54257	8.830	ug/l #	85
57) 1,3-Dichloropropane	11.40	76	81856	8.966	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	155640	47.441	ug/l	94
59) 2-Hexanone	11.52	43	155461	51.100	ug/l	97
60) Dibromochloromethane	11.68	129	93408	9.382	ug/l	98
61) 1,2-Dibromoethane	11.79	107	66199	9.766	ug/l	98
64) Tetrachloroethene	11.24	164	82137	9.646	ug/l	96
65) Chlorobenzene	12.39	112	212381	11.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	85408	9.397	ug/l	94
67) Ethyl Benzene	12.51	91	331953	9.609	ug/l	99
68) m/p-Xylenes	12.66	106	247991	19.083	ug/l	93
69) o-Xylene	13.03	106	116380	9.977	ug/l	89
70) Styrene	13.06	104	181714	9.529	ug/l	97
71) Bromoform	13.22	173	58383	9.260	ug/l	99
73) Isopropylbenzene	13.40	105	328583	10.214	ug/l	100
74) N-amyl acetate	13.25	43	82302	9.903	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	13.69	83	60161	10.433	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	66023	11.092	ug/l	99
77) Bromobenzene	13.66	156	91657	10.943	ug/l	94
78) n-propylbenzene	13.76	91	418542	11.492	ug/l	93
79) 2-Chlorotoluene	13.83	91	226950	10.553	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	288015	10.914	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	16938	9.130	ug/l	90
82) 4-Chlorotoluene	13.94	91	286322	11.277	ug/l	90
83) tert-Butylbenzene	14.19	119	313647	10.249	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	295395	11.112	ug/l	92
85) sec-Butylbenzene	14.36	105	356779	10.892	ug/l	100
86) p-Isopropyltoluene	14.48	119	315225	10.089	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	178213	11.056	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	172298	11.273	ug/l	95
89) n-Butylbenzene	14.79	91	298928	11.816	ug/l	92
90) Hexachloroethane	15.00	117	82382	10.117	ug/l	72
91) 1,2-Dichlorobenzene	14.80	146	154654	12.303	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	10160	10.437	ug/l	79

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050719\
Data File : VD062137.D
Acq On : 7 May 2019 12:06
Operator : FY/SY
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: May 07 13:45:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 13:42:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	105341	11.496	ug/l	94
94) Hexachlorobutadiene	16.03	225	80634	11.356	ug/l	95
95) Naphthalene	16.11	128	139311	10.157	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	61633	10.192	ug/l	96

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

