

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065753.D
 Acq On : 15 May 2020 15:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 19:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	317662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	429158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	127608	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.92	113	133990	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.34	98	504097	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.64	95	174490	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	98554	47.287	ug/l	100
3) Chloromethane	2.21	50	134666	45.084	ug/l	98
4) Vinyl Chloride	2.35	62	157100	48.573	ug/l	100
5) Bromomethane	2.77	94	100752	47.147	ug/l	97
6) Chloroethane	2.92	64	104231	49.685	ug/l	100
7) Trichlorofluoromethane	3.27	101	211367	47.272	ug/l	98
8) Diethyl Ether	3.70	74	61115	47.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	127764	46.487	ug/l	98
10) Methyl Iodide	4.30	142	137736	47.974	ug/l	100
11) Tert butyl alcohol	5.21	59	38811	171.731	ug/l	100
12) 1,1-Dichloroethene	4.07	96	118515	45.464	ug/l	99
13) Acrolein	3.92	56	39359	280.764	ug/l	96
14) Allyl chloride	4.71	41	204411	45.352	ug/l	99
15) Acrylonitrile	5.43	53	129148	227.545	ug/l	99
16) Acetone	4.16	43	123524	235.248	ug/l	98
17) Carbon Disulfide	4.41	76	367986	44.695	ug/l	99
18) Methyl Acetate	4.72	43	53434	43.155	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	283583	46.630	ug/l	99
20) Methylene Chloride	4.96	84	139383	47.052	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	138420	46.119	ug/l	98
22) Diisopropyl ether	6.36	45	408896	47.652	ug/l	96
23) Vinyl Acetate	6.31	43	1186625	235.113	ug/l	100
24) 1,1-Dichloroethane	6.27	63	237056	47.184	ug/l	98
25) 2-Butanone	7.21	43	165711	220.775	ug/l	94
26) 2,2-Dichloropropane	7.21	77	218302	46.815	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	155656	47.326	ug/l	98
28) Bromochloromethane	7.55	49	107902	52.237	ug/l	99
29) Tetrahydrofuran	7.57	42	105092	220.833	ug/l	99
30) Chloroform	7.71	83	243619	47.980	ug/l	97
31) Cyclohexane	7.99	56	221731	43.599	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	226563	47.633	ug/l	99
36) 1,1-Dichloropropene	8.11	75	191256	46.292	ug/l	98
37) Ethyl Acetate	7.30	43	77752	43.928	ug/l	99
38) Carbon Tetrachloride	8.10	117	206839	47.201	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065753.D
 Acq On : 15 May 2020 15:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 19:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	243124	45.917	ug/l	97
40) Benzene	8.35	78	532537	46.874	ug/l	99
41) Methacrylonitrile	7.53	41	43672m	44.801	ug/l	
42) 1,2-Dichloroethane	8.43	62	149644	47.306	ug/l	99
43) Isopropyl Acetate	8.46	43	157196	44.808	ug/l	99
44) Trichloroethene	9.11	130	154852	45.528	ug/l	98
45) 1,2-Dichloropropane	9.39	63	132594	47.336	ug/l	97
46) Dibromomethane	9.48	93	71155	47.109	ug/l	98
47) Bromodichloromethane	9.66	83	188901	47.780	ug/l	95
48) Methyl methacrylate	9.46	41	76963	46.736	ug/l	99
49) 1,4-Dioxane	9.47	88	13719	769.799	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	378295	225.330	ug/l	99
52) Toluene	10.41	92	350813	47.134	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	178825	46.299	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	220087	47.906	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	97126	47.203	ug/l	96
56) Ethyl methacrylate	10.67	69	124290	46.346	ug/l	98
57) 1,3-Dichloropropane	10.95	76	165675	46.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	315804	253.114	ug/l	100
59) 2-Hexanone	10.99	43	259543	227.022	ug/l	98
60) Dibromochloromethane	11.14	129	130518	47.368	ug/l	100
61) 1,2-Dibromoethane	11.25	107	96015	46.721	ug/l	100
64) Tetrachloroethene	10.88	164	131939	44.461	ug/l	98
65) Chlorobenzene	11.67	112	367653	45.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	139005	45.910	ug/l	99
67) Ethyl Benzene	11.75	91	667299	46.277	ug/l	96
68) m/p-Xylenes	11.86	106	505650	91.813	ug/l	99
69) o-Xylene	12.18	106	237663	46.356	ug/l	96
70) Styrene	12.20	104	405619	46.359	ug/l	100
71) Bromoform	12.37	173	76424	45.734	ug/l #	99
73) Isopropylbenzene	12.48	105	650971	46.950	ug/l	100
74) N-amyl acetate	12.29	43	145776	45.283	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	101259	46.142	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	62474m	40.532	ug/l	
77) Bromobenzene	12.77	156	155848	46.633	ug/l	99
78) n-propylbenzene	12.83	91	761286	47.004	ug/l	99
79) 2-Chlorotoluene	12.91	91	423941	47.306	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	538802	47.163	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	34317	43.679	ug/l	96
82) 4-Chlorotoluene	13.01	91	446892	47.300	ug/l	100
83) tert-Butylbenzene	13.23	119	472785	46.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	529057	46.958	ug/l	99
85) sec-Butylbenzene	13.41	105	648665	47.057	ug/l	99
86) p-Isopropyltoluene	13.53	119	599045	47.280	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	296580	47.315	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	292768	46.892	ug/l	98
89) n-Butylbenzene	13.85	91	563190	47.535	ug/l	100
90) Hexachloroethane	14.12	117	114975	46.383	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	256624	47.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15396	41.954	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051520\
Data File : VD065753.D
Acq On : 15 May 2020 15:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: May 15 19:39:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189264	45.888	ug/l	99
94) Hexachlorobutadiene	15.27	225	114703	46.386	ug/l	100
95) Naphthalene	15.41	128	305625	44.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	159557	45.373	ug/l	100

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

