

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069250.D
 Acq On : 24 May 2021 12:18
 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
 5/25/2021 5:57:51 PM

Quant Time: May 25 00:53:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	319703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	496815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	465126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	233358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146791	45.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.60%		
35) Dibromofluoromethane	7.914	113	158215	48.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.88%		
50) Toluene-d8	10.338	98	588825	49.57	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.14%		
62) 4-Bromofluorobenzene	12.626	95	187359	49.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.02%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	149376	43.95	ug/l	97
3) Chloromethane	2.209	50	166453	42.61	ug/l	95
4) Vinyl Chloride	2.350	62	236460	45.92	ug/l	99
5) Bromomethane	2.768	94	165432	42.71	ug/l	94
6) Chloroethane	2.921	64	156121	47.13	ug/l	95
7) Trichlorofluoromethane	3.274	101	286570	45.62	ug/l	95
8) Diethyl Ether	3.709	74	68515	47.77	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	168139	47.23	ug/l	98
10) Methyl Iodide	4.303	142	146841	39.82	ug/l	100
11) Tert butyl alcohol	5.221	59	39575	235.39	ug/l	100
12) 1,1-Dichloroethene	4.068	96	148291	46.36	ug/l	95
13) Acrolein	3.926	56	53543	205.33	ug/l	97
14) Allyl chloride	4.715	41	164878	46.99	ug/l	97
15) Acrylonitrile	5.420	53	129321	241.61	ug/l	99
16) Acetone	4.156	43	138188	281.52	ug/l	97
17) Carbon Disulfide	4.409	76	466074	43.96	ug/l	97
18) Methyl Acetate	4.721	43	59680	50.04	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	280449	48.32	ug/l	100
20) Methylene Chloride	4.962	84	185030	45.51	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	177430	46.79	ug/l	97
22) Diisopropyl ether	6.362	45	341311	48.70	ug/l	98
23) Vinyl Acetate	6.309	43	1046999	253.17	ug/l	99
24) 1,1-Dichloroethane	6.268	63	280909	46.40	ug/l	99
25) 2-Butanone	7.215	43	166458	250.25	ug/l	93
26) 2,2-Dichloropropane	7.203	77	270926	47.85	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	191893	46.60	ug/l	97
28) Bromochloromethane	7.544	49	101919	47.22	ug/l	100
29) Tetrahydrofuran	7.562	42	91591	253.31	ug/l	97
30) Chloroform	7.709	83	317080	46.52	ug/l	96
31) Cyclohexane	7.985	56	216934	45.67	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	291030	47.06	ug/l	99
36) 1,1-Dichloropropene	8.109	75	240901	49.88	ug/l	99
37) Ethyl Acetate	7.291	43	73428	47.32	ug/l	96
38) Carbon Tetrachloride	8.091	117	268158	49.66	ug/l	97
39) Methylcyclohexane	9.356	83	270711	53.14	ug/l	98
40) Benzene	8.350	78	673753	48.70	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069250.D
 Acq On : 24 May 2021 12:18
 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
 5/25/2021 5:57:51 PM

Quant Time: May 25 00:53:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	42413m	51.34	ug/l	
42) 1,2-Dichloroethane	8.420	62	181132	47.95	ug/l	99
43) Isopropyl Acetate	8.450	43	142291	50.49	ug/l	97
44) Trichloroethene	9.109	130	185180	47.89	ug/l	93
45) 1,2-Dichloropropane	9.385	63	172129	52.71	ug/l	96
46) Dibromomethane	9.473	93	99312	50.87	ug/l	99
47) Bromodichloromethane	9.661	83	254678	51.27	ug/l	93
48) Methyl methacrylate	9.456	41	69604	53.41	ug/l	93
49) 1,4-Dioxane	9.461	88	20339	1068.66	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	385414	265.82	ug/l	99
52) Toluene	10.403	92	446573	50.01	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	213752	48.97	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	257370	49.32	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	128344	48.78	ug/l	99
56) Ethyl methacrylate	10.656	69	136761	47.71	ug/l	97
57) 1,3-Dichloropropane	10.944	76	213808	50.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	370537	284.47	ug/l	99
59) 2-Hexanone	10.979	43	276434	285.71	ug/l	98
60) Dibromochloromethane	11.138	129	166629	49.31	ug/l	100
61) 1,2-Dibromoethane	11.244	107	125485	48.25	ug/l	98
64) Tetrachloroethene	10.873	164	156974	48.56	ug/l	95
65) Chlorobenzene	11.667	112	470155	48.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	173665	47.77	ug/l	99
67) Ethyl Benzene	11.744	91	850170	51.24	ug/l	96
68) m/p-Xylenes	11.850	106	676161	104.00	ug/l	100
69) o-Xylene	12.179	106	293083	50.69	ug/l	99
70) Styrene	12.191	104	519973	51.52	ug/l	100
71) Bromoform	12.355	173	94112	49.77	ug/l #	98
73) Isopropylbenzene	12.473	105	815905	50.02	ug/l	100
74) N-amyl acetate	12.285	43	133928	50.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	145831	49.34	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	87783m	50.04	ug/l	
77) Bromobenzene	12.755	156	189140	48.87	ug/l	98
78) n-propylbenzene	12.814	91	1015350	51.59	ug/l	99
79) 2-Chlorotoluene	12.902	91	542593	49.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	692840	51.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	42971	49.48	ug/l	96
82) 4-Chlorotoluene	13.002	91	570641	48.92	ug/l	99
83) tert-Butylbenzene	13.220	119	590895	52.73	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	691441	51.11	ug/l	98
85) sec-Butylbenzene	13.397	105	865962	51.39	ug/l	100
86) p-Isopropyltoluene	13.508	119	768599	51.91	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	379619	48.46	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	372109	47.96	ug/l	99
89) n-Butylbenzene	13.838	91	722021	52.34	ug/l	99
90) Hexachloroethane	14.102	117	137101	49.41	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	318104	47.29	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22161	48.31	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	202587	49.14	ug/l	99
94) Hexachlorobutadiene	15.261	225	125779	50.84	ug/l	100
95) Naphthalene	15.391	128	343859	45.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	164466	46.63	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069250.D
Acq On : 24 May 2021 12:18
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
5/25/2021 5:57:51 PM

Quant Time: May 25 00:53:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

