

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
 Data File : VD068051.D
 Acq On : 12 Jan 2021 11:38
 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
 1/13/2021 4:37:49 PM

Quant Time: Jan 13 04:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	456215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	709779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	641116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	303455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	196084	50.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.10%			
35) Dibromofluoromethane	7.920	113	210198	51.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.92%			
50) Toluene-d8	10.344	98	736032	49.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.72%			
62) 4-Bromofluorobenzene	12.638	95	269393	51.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	221111	54.63	ug/l	100
3) Chloromethane	2.209	50	195935	52.43	ug/l	99
4) Vinyl Chloride	2.350	62	207833	50.83	ug/l	97
5) Bromomethane	2.773	94	159615	50.14	ug/l	98
6) Chloroethane	2.926	64	131899	51.36	ug/l	98
7) Trichlorofluoromethane	3.273	101	411119	50.87	ug/l	97
8) Diethyl Ether	3.709	74	100306	51.71	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	223254	50.76	ug/l	98
10) Methyl Iodide	4.309	142	222276	49.32	ug/l	98
11) Tert butyl alcohol	5.220	59	57819	244.96	ug/l	98
12) 1,1-Dichloroethene	4.067	96	209623	50.31	ug/l	95
13) Acrolein	3.926	56	48534	159.90	ug/l	97
14) Allyl chloride	4.714	41	244934	50.48	ug/l	98
15) Acrylonitrile	5.426	53	195417	261.45	ug/l	98
16) Acetone	4.156	43	157159	255.62	ug/l	94
17) Carbon Disulfide	4.409	76	628307	50.78	ug/l	97
18) Methyl Acetate	4.720	43	85453	53.16	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	454753	53.29	ug/l	95
20) Methylene Chloride	4.967	84	243927	50.23	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	245604	52.60	ug/l	94
22) Diisopropyl ether	6.367	45	513037	53.16	ug/l	99
23) Vinyl Acetate	6.308	43	1377513	273.64	ug/l	97
24) 1,1-Dichloroethane	6.273	63	371974	50.90	ug/l	99
25) 2-Butanone	7.214	43	209620	266.42	ug/l	92
26) 2,2-Dichloropropane	7.208	77	364302	50.17	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	263129	52.20	ug/l	98
28) Bromochloromethane	7.550	49	124373	50.84	ug/l	98
29) Tetrahydrofuran	7.561	42	132485	262.81	ug/l	97
30) Chloroform	7.714	83	434127	52.31	ug/l	99
31) Cyclohexane	7.985	56	313370	48.45	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	417874	51.96	ug/l	98
36) 1,1-Dichloropropene	8.114	75	312432	50.09	ug/l	99
37) Ethyl Acetate	7.297	43	103763	54.46	ug/l	98
38) Carbon Tetrachloride	8.097	117	385258	51.81	ug/l	99
39) Methylcyclohexane	9.355	83	386579	51.41	ug/l	95
40) Benzene	8.350	78	913368	52.10	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
 Data File : VD068051.D
 Acq On : 12 Jan 2021 11:38
 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
 1/13/2021 4:37:49 PM

Quant Time: Jan 13 04:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	59110	55.17	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	262619	53.27	ug/l	98
43) Isopropyl Acetate	8.450	43	195205	54.47	ug/l	99
44) Trichloroethene	9.114	130	270984	50.35	ug/l	95
45) 1,2-Dichloropropane	9.391	63	207893	51.82	ug/l	95
46) Dibromomethane	9.479	93	124707	52.79	ug/l	99
47) Bromodichloromethane	9.661	83	340562	53.26	ug/l	99
48) Methyl methacrylate	9.461	41	95750	51.64	ug/l	90
49) 1,4-Dioxane	9.461	88	26954	1062.74	ug/l	86
51) 4-Methyl-2-Pentanone	10.232	43	490997	273.47	ug/l	99
52) Toluene	10.408	92	611277	52.01	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	299505	53.33	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	347925	51.97	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	172831	51.60	ug/l	96
56) Ethyl methacrylate	10.661	69	192907	55.87	ug/l	94
57) 1,3-Dichloropropane	10.949	76	279142	52.14	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	472489	273.16	ug/l	99
59) 2-Hexanone	10.985	43	341465	273.99	ug/l	96
60) Dibromochloromethane	11.143	129	238582	51.95	ug/l	100
61) 1,2-Dibromoethane	11.249	107	170783	53.37	ug/l	100
64) Tetrachloroethene	10.879	164	230575	50.65	ug/l	97
65) Chlorobenzene	11.673	112	656907	52.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	253883	52.96	ug/l	97
67) Ethyl Benzene	11.749	91	1154690	52.99	ug/l	98
68) m/p-Xylenes	11.855	106	893883	105.08	ug/l	99
69) o-Xylene	12.185	106	407474	52.90	ug/l	97
70) Styrene	12.196	104	706211	53.05	ug/l	99
71) Bromoform	12.361	173	140023	54.77	ug/l #	96
73) Isopropylbenzene	12.485	105	1135918	54.87	ug/l	99
74) N-amyl acetate	12.290	43	176314	54.81	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	174320	53.45	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	113608m	47.25	ug/l	
77) Bromobenzene	12.761	156	268792	53.77	ug/l	98
78) n-propylbenzene	12.820	91	1332119	54.90	ug/l	100
79) 2-Chlorotoluene	12.908	91	749007	54.38	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	966963	54.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	53725	50.14	ug/l	96
82) 4-Chlorotoluene	13.008	91	780403	53.25	ug/l	100
83) tert-Butylbenzene	13.226	119	819840	54.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.273	105	965339	55.43	ug/l	99
85) sec-Butylbenzene	13.402	105	1101317	52.55	ug/l	98
86) p-Isopropyltoluene	13.520	119	1053001	54.14	ug/l	100
87) 1,3-Dichlorobenzene	13.520	146	504976	52.37	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	502962	51.68	ug/l	100
89) n-Butylbenzene	13.843	91	928379	53.04	ug/l	99
90) Hexachloroethane	14.114	117	196509	52.20	ug/l	99
91) 1,2-Dichlorobenzene	13.890	146	454786	54.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	29366	55.59	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	298543	52.37	ug/l	97
94) Hexachlorobutadiene	15.267	225	189892	52.05	ug/l	98
95) Naphthalene	15.402	128	532710	56.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	264602	54.05	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
Data File : VD068051.D
Acq On : 12 Jan 2021 11:38
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
1/13/2021 4:37:49 PM

Quant Time: Jan 13 04:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
Data File : VD068051.D
Acq On : 12 Jan 2021 11:38
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
1/13/2021 4:37:49 PM

Quant Time: Jan 13 04:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

