

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070046.D
 Acq On : 13 Aug 2021 13:01
 Operator : VA/SY
 Sample : VSTDIC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:04:57 PM

Quant Time: Aug 14 02:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	616324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1116997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1066235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	476012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	1037925	143.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 286.360%#	
35) Dibromofluoromethane	7.908	113	1044496	144.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 289.480%#	
50) Toluene-d8	10.338	98	4266263	151.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 304.000%#	
62) 4-Bromofluorobenzene	12.626	95	1447064	156.524	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 313.040%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	806591	114.342	ug/l	100
3) Chloromethane	2.209	50	1200727	124.024	ug/l	99
4) Vinyl Chloride	2.344	62	1317270	126.289	ug/l	97
5) Bromomethane	2.738	94	802512	122.272	ug/l	94
6) Chloroethane	2.903	64	854077	128.171	ug/l	96
7) Trichlorofluoromethane	3.262	101	1575142	125.731	ug/l	96
8) Diethyl Ether	3.709	74	546495	152.428	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	1020718	128.068	ug/l	99
10) Methyl Iodide	4.297	142	1196058	164.130	ug/l	99
11) Tert butyl alcohol	5.226	59	269479	670.750	ug/l	97
12) 1,1-Dichloroethene	4.062	96	1011374	138.125	ug/l	97
13) Acrolein	3.920	56	340039	736.783	ug/l	99
14) Allyl chloride	4.709	41	1659433	151.886	ug/l	100
15) Acrylonitrile	5.414	53	1227524	738.380	ug/l	100
16) Acetone	4.156	43	872595	653.445	ug/l	99
17) Carbon Disulfide	4.403	76	3508772	132.540	ug/l	99
18) Methyl Acetate	4.714	43	558726	140.336	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	2388143	157.151	ug/l	100
20) Methylene Chloride	4.956	84	1212729	101.587	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	1186598	139.513	ug/l	98
22) Diisopropyl ether	6.361	45	3507728	152.654	ug/l	97
23) Vinyl Acetate	6.303	43	8777783	842.909	ug/l	100
24) 1,1-Dichloroethane	6.261	63	2154389	137.036	ug/l	99
25) 2-Butanone	7.208	43	1385942	759.545	ug/l	97
26) 2,2-Dichloropropane	7.203	77	1709005	139.615	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	1324714	146.662	ug/l	100
28) Bromochloromethane	7.544	49	747683	130.691	ug/l	100
29) Tetrahydrofuran	7.561	42	918740	768.931	ug/l	99
30) Chloroform	7.708	83	2105245	136.163	ug/l	100
31) Cyclohexane	7.979	56	2007618	139.924	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	1764153	136.542	ug/l	99
36) 1,1-Dichloropropene	8.108	75	1687853	140.461	ug/l	100
37) Ethyl Acetate	7.291	43	640905	146.838	ug/l	99
38) Carbon Tetrachloride	8.097	117	1518158	139.162	ug/l	96
39) Methylcyclohexane	9.355	83	2142696	153.150	ug/l	98
40) Benzene	8.350	78	4881326	140.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070046.D
 Acq On : 13 Aug 2021 13:01
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:04:57 PM

Quant Time: Aug 14 02:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:11:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	394841	178.775	ug/l	89
42) 1,2-Dichloroethane	8.420	62	1236973	138.480	ug/l	99
43) Isopropyl Acetate	8.450	43	1212708	148.824	ug/l	99
44) Trichloroethene	9.108	130	1174396	139.483	ug/l	97
45) 1,2-Dichloropropane	9.385	63	1268142	140.075	ug/l	96
46) Dibromomethane	9.473	93	610508	138.837	ug/l	99
47) Bromodichloromethane	9.661	83	1599685	140.611	ug/l	98
48) Methyl methacrylate	9.455	41	609633	156.886	ug/l	100
49) 1,4-Dioxane	9.455	88	143723	3003.358	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	3175446	749.458	ug/l	98
52) Toluene	10.402	92	3087766	145.551	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	1528441	151.675	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	1889040	154.447	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	855540	137.319	ug/l	97
56) Ethyl methacrylate	10.655	69	1165337	164.363	ug/l	99
57) 1,3-Dichloropropane	10.938	76	1552344	143.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	3066747	820.098	ug/l	100
59) 2-Hexanone	10.979	43	2171779	765.376	ug/l	98
60) Dibromochloromethane	11.132	129	1002618	140.478	ug/l	98
61) 1,2-Dibromoethane	11.244	107	809296	143.482	ug/l	100
64) Tetrachloroethene	10.873	164	905937	131.705	ug/l	99
65) Chlorobenzene	11.667	112	3102590	139.271	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	1090983	137.902	ug/l	99
67) Ethyl Benzene	11.738	91	5887399	149.471	ug/l	98
68) m/p-Xylenes	11.849	106	4499273	294.758	ug/l	96
69) o-Xylene	12.173	106	2143019	155.597	ug/l	98
70) Styrene	12.191	104	3678431	152.491	ug/l	100
71) Bromoform	12.355	173	534547	138.681	ug/l #	100
73) Isopropylbenzene	12.473	105	5481849	157.924	ug/l	100
74) N-amyl acetate	12.279	43	1196509	159.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	963007	139.040	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	661700m	170.658	ug/l	
77) Bromobenzene	12.755	156	1145679	148.702	ug/l	98
78) n-propylbenzene	12.814	91	6841221	152.821	ug/l	99
79) 2-Chlorotoluene	12.902	91	3917136	152.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	4582323	155.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	297786	160.115	ug/l	98
82) 4-Chlorotoluene	12.996	91	3999657	148.308	ug/l	100
83) tert-Butylbenzene	13.214	119	3807702	158.523	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	4554036	155.351	ug/l	100
85) sec-Butylbenzene	13.390	105	5882433	152.853	ug/l	100
86) p-Isopropyltoluene	13.502	119	4842367	155.747	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	2343571	143.164	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	2274828	140.301	ug/l	98
89) n-Butylbenzene	13.832	91	4777088	156.575	ug/l	98
90) Hexachloroethane	14.102	117	945654	144.132	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	2002700	142.776	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	144470	139.645	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	1211304	155.289	ug/l	100
94) Hexachlorobutadiene	15.255	225	671225	145.672	ug/l	98
95) Naphthalene	15.384	128	2443140	172.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	1061907	155.952	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
Data File : VD070046.D
Acq On : 13 Aug 2021 13:01
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
8/16/2021 5:04:57 PM

Quant Time: Aug 14 02:15:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:11:15 2021
Response via : Initial Calibration

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

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

