

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070179.D
 Acq On : 19 Aug 2021 22:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:15 PM

Quant Time: Aug 20 05:49:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	463790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	853124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	818198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	378580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278127	50.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.980%			
35) Dibromofluoromethane	7.908	113	290935	52.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.560%			
50) Toluene-d8	10.338	98	1106374	51.609	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.626	95	365546	51.770	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	191166	41.939	ug/l	98
3) Chloromethane	2.209	50	297065	45.828	ug/l	100
4) Vinyl Chloride	2.344	62	321869	41.007	ug/l	98
5) Bromomethane	2.756	94	243720	57.213	ug/l	97
6) Chloroethane	2.914	64	234312	46.728	ug/l	96
7) Trichlorofluoromethane	3.267	101	404008	42.855	ug/l	95
8) Diethyl Ether	3.709	74	132617	49.155	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	264050	44.026	ug/l	100
10) Methyl Iodide	4.297	142	279348	50.941	ug/l	99
11) Tert butyl alcohol	5.220	59	68116	225.918	ug/l	99
12) 1,1-Dichloroethene	4.061	96	252035	45.741	ug/l	91
13) Acrolein	3.920	56	78303	225.464	ug/l	99
14) Allyl chloride	4.708	41	392355	47.723	ug/l	98
15) Acrylonitrile	5.414	53	302680	241.948	ug/l	100
16) Acetone	4.156	43	215152	214.106	ug/l	96
17) Carbon Disulfide	4.408	76	867323	43.537	ug/l	100
18) Methyl Acetate	4.714	43	147949	49.382	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	574583	50.246	ug/l	99
20) Methylene Chloride	4.956	84	391477	58.556	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	302162	47.210	ug/l	97
22) Diisopropyl ether	6.361	45	906889	52.448	ug/l	97
23) Vinyl Acetate	6.303	43	2059633	262.829	ug/l	99
24) 1,1-Dichloroethane	6.261	63	587523	49.662	ug/l	99
25) 2-Butanone	7.208	43	336029	244.722	ug/l	99
26) 2,2-Dichloropropane	7.202	77	401731	43.613	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	344787	50.726	ug/l	98
28) Bromochloromethane	7.544	49	215610	50.082	ug/l	99
29) Tetrahydrofuran	7.561	42	226692	252.127	ug/l	99
30) Chloroform	7.708	83	569567	48.954	ug/l	99
31) Cyclohexane	7.979	56	464425	43.014	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	464669	47.793	ug/l	98
36) 1,1-Dichloropropene	8.108	75	424998	46.307	ug/l	99
37) Ethyl Acetate	7.291	43	165192	49.553	ug/l	99
38) Carbon Tetrachloride	8.097	117	373253	44.797	ug/l	99
39) Methylcyclohexane	9.349	83	452514	42.348	ug/l	99
40) Benzene	8.349	78	1300788	48.865	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070179.D
 Acq On : 19 Aug 2021 22:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:15 PM

Quant Time: Aug 20 05:49:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	85075	47.203	ug/l	93
42) 1,2-Dichloroethane	8.420	62	334206	48.987	ug/l	99
43) Isopropyl Acetate	8.449	43	302986	48.683	ug/l	99
44) Trichloroethene	9.108	130	305215	47.463	ug/l	99
45) 1,2-Dichloropropane	9.379	63	341779	49.428	ug/l	95
46) Dibromomethane	9.473	93	171675	51.117	ug/l	96
47) Bromodichloromethane	9.655	83	441613	50.824	ug/l	95
48) Methyl methacrylate	9.455	41	152619	51.424	ug/l	97
49) 1,4-Dioxane	9.461	88	36488	998.322	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	815982	252.152	ug/l	100
52) Toluene	10.396	92	803707	49.603	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	365687	47.513	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	447568	47.911	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	241603	50.773	ug/l	97
56) Ethyl methacrylate	10.655	69	277963	51.331	ug/l	99
57) 1,3-Dichloropropane	10.938	76	412859	50.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	759958	266.083	ug/l	100
59) 2-Hexanone	10.979	43	546036	251.954	ug/l	100
60) Dibromochloromethane	11.132	129	271299	49.769	ug/l	98
61) 1,2-Dibromoethane	11.238	107	215279	49.973	ug/l	99
64) Tetrachloroethene	10.873	164	239012	45.281	ug/l	96
65) Chlorobenzene	11.661	112	828432	48.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	296807	48.890	ug/l	99
67) Ethyl Benzene	11.738	91	1494734	49.453	ug/l	100
68) m/p-Xylenes	11.843	106	1167563	99.678	ug/l	97
69) o-Xylene	12.173	106	538698	50.970	ug/l	96
70) Styrene	12.185	104	941036	50.837	ug/l	100
71) Bromoform	12.349	173	145209	49.093	ug/l #	100
73) Isopropylbenzene	12.473	105	1382592	50.081	ug/l	98
74) N-amyl acetate	12.279	43	289454	48.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	274027	49.747	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	176447m	45.958	ug/l	
77) Bromobenzene	12.749	156	306544	50.027	ug/l	98
78) n-propylbenzene	12.814	91	1770898	49.740	ug/l	99
79) 2-Chlorotoluene	12.902	91	1011652	49.388	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1181707	50.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	68710	46.452	ug/l	99
82) 4-Chlorotoluene	12.996	91	1050035	48.956	ug/l	99
83) tert-Butylbenzene	13.214	119	963677	50.445	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1167329	50.069	ug/l	100
85) sec-Butylbenzene	13.390	105	1502078	49.076	ug/l	99
86) p-Isopropyltoluene	13.502	119	1222363	49.434	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	626380	48.112	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	612569	47.504	ug/l	99
89) n-Butylbenzene	13.832	91	1148008	47.311	ug/l	99
90) Hexachloroethane	14.096	117	252821	48.451	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	544263	48.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	36559	44.433	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	293044	47.237	ug/l	98
94) Hexachlorobutadiene	15.255	225	169681	46.302	ug/l	97
95) Naphthalene	15.384	128	558131	49.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	262284	48.433	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
Data File : VD070179.D
Acq On : 19 Aug 2021 22:00
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/20/2021 6:48:15 PM

Quant Time: Aug 20 05:49:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 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\VD081921\
 Data File : VD070179.D
 Acq On : 19 Aug 2021 22:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:15 PM

Quant Time: Aug 20 05:49:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

