

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068272.D
 Acq On : 03 Feb 2021 19:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:35:29 AM

Quant Time: Feb 03 23:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	281010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	499447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	456608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	211866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124999	46.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.00%		
35) Dibromofluoromethane	7.920	113	136736	49.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.04%		
50) Toluene-d8	10.344	98	479651	43.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.86%		
62) 4-Bromofluorobenzene	12.632	95	178680	44.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	141963	42.53	ug/l	98
3) Chloromethane	2.209	50	185833	51.69	ug/l	96
4) Vinyl Chloride	2.350	62	207250	51.83	ug/l	99
5) Bromomethane	2.773	94	144834	52.82	ug/l	98
6) Chloroethane	2.926	64	137325	56.22	ug/l	100
7) Trichlorofluoromethane	3.273	101	241948	46.10	ug/l	96
8) Diethyl Ether	3.709	74	81676	52.86	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	146083	47.72	ug/l	94
10) Methyl Iodide	4.303	142	145383	42.83	ug/l	94
11) Tert butyl alcohol	5.214	59	47946	180.58	ug/l	98
12) 1,1-Dichloroethene	4.073	96	147560	47.93	ug/l	92
13) Acrolein	3.932	56	50771	239.67	ug/l	98
14) Allyl chloride	4.720	41	216323	48.31	ug/l	96
15) Acrylonitrile	5.420	53	171396	280.00	ug/l	99
16) Acetone	4.156	43	126362	263.26	ug/l	96
17) Carbon Disulfide	4.409	76	452920	45.68	ug/l	99
18) Methyl Acetate	4.720	43	73709	59.17	ug/l	89
19) Methyl tert-butyl Ether	5.479	73	369834	51.96	ug/l #	88
20) Methylene Chloride	4.967	84	195624	59.12	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	176263	49.87	ug/l	93
22) Diisopropyl ether	6.367	45	478595	52.96	ug/l	92
23) Vinyl Acetate	6.308	43	1275704	264.84	ug/l	99
24) 1,1-Dichloroethane	6.273	63	313639	53.57	ug/l	97
25) 2-Butanone	7.214	43	189363	262.01	ug/l	97
26) 2,2-Dichloropropane	7.214	77	252059	45.50	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	205093	53.45	ug/l	94
28) Bromochloromethane	7.550	49	102911	51.59	ug/l #	76
29) Tetrahydrofuran	7.561	42	124206	265.11	ug/l	95
30) Chloroform	7.714	83	319129	53.94	ug/l	99
31) Cyclohexane	7.985	56	255082	43.82	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	261462	49.04	ug/l	96
36) 1,1-Dichloropropene	8.114	75	236040	46.86	ug/l	97
37) Ethyl Acetate	7.297	43	87983	49.38	ug/l	97
38) Carbon Tetrachloride	8.102	117	221446	46.97	ug/l	100
39) Methylcyclohexane	9.355	83	290776	44.16	ug/l	97
40) Benzene	8.355	78	713405	50.66	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068272.D
 Acq On : 03 Feb 2021 19:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:35:29 AM

Quant Time: Feb 03 23:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	57703	53.67	ug/l	91
42) 1,2-Dichloroethane	8.426	62	195750	52.02	ug/l	98
43) Isopropyl Acetate	8.455	43	177945	47.93	ug/l	96
44) Trichloroethene	9.114	130	187968	48.60	ug/l	98
45) 1,2-Dichloropropane	9.391	63	181309	52.58	ug/l	92
46) Dibromomethane	9.479	93	93367	53.43	ug/l	91
47) Bromodichloromethane	9.667	83	248474	52.70	ug/l	97
48) Methyl methacrylate	9.461	41	85179	46.09	ug/l #	93
49) 1,4-Dioxane	9.467	88	20223	987.58	ug/l #	84
51) 4-Methyl-2-Pentanone	10.232	43	449812	260.63	ug/l	97
52) Toluene	10.408	92	455482	49.64	ug/l	95
53) t-1,3-Dichloropropene	10.626	75	233183	48.86	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	280130	49.31	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	131081	52.93	ug/l	95
56) Ethyl methacrylate	10.661	69	163149	49.46	ug/l	94
57) 1,3-Dichloropropane	10.949	76	231668	53.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	404053	265.43	ug/l	91
59) 2-Hexanone	10.985	43	297409	248.60	ug/l	99
60) Dibromochloromethane	11.143	129	160107	51.57	ug/l	100
61) 1,2-Dibromoethane	11.249	107	125476	51.35	ug/l	100
64) Tetrachloroethene	10.879	164	147123	45.72	ug/l	98
65) Chlorobenzene	11.673	112	478221	49.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	173588	50.87	ug/l	96
67) Ethyl Benzene	11.749	91	880784	49.03	ug/l	98
68) m/p-Xylenes	11.855	106	658662	97.12	ug/l	99
69) o-Xylene	12.179	106	308947	49.05	ug/l	98
70) Styrene	12.196	104	538114	50.05	ug/l	99
71) Bromoform	12.361	173	86995	50.29	ug/l #	99
73) Isopropylbenzene	12.479	105	827892	46.96	ug/l	100
74) N-amyl acetate	12.290	43	165806	45.25	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	145281	51.81	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	109164m	53.29	ug/l	
77) Bromobenzene	12.761	156	186133	49.25	ug/l	90
78) n-propylbenzene	12.820	91	988081	47.37	ug/l	97
79) 2-Chlorotoluene	12.908	91	556882	47.55	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	688526	46.89	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	44571	44.03	ug/l	95
82) 4-Chlorotoluene	13.008	91	579572	47.60	ug/l	97
83) tert-Butylbenzene	13.226	119	578486	46.50	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	690684	47.39	ug/l	99
85) sec-Butylbenzene	13.402	105	805619	46.29	ug/l	98
86) p-Isopropyltoluene	13.514	119	737601	46.60	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	355146	48.87	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	354354	49.49	ug/l	98
89) n-Butylbenzene	13.843	91	710738	46.79	ug/l	98
90) Hexachloroethane	14.114	117	133923	46.84	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	307534	49.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	21499	46.85	ug/l	84
93) 1,2,4-Trichlorobenzene	15.161	180	202672	47.49	ug/l	100
94) Hexachlorobutadiene	15.267	225	109382	46.24	ug/l	99
95) Naphthalene	15.396	128	389107	48.63	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	176018	48.90	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
Data File : VD068272.D
Acq On : 03 Feb 2021 19:33
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/4/2021 10:35:29 AM

Quant Time: Feb 03 23:45:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

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

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

