

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068295.D
 Acq On : 05 Feb 2021 11:48
 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
 2/8/2021 11:51:25 AM

Quant Time: Feb 05 21:39:17 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	359638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	615587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	549797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	248391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141846	41.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.46%		
35) Dibromofluoromethane	7.920	113	156053	45.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.70%		
50) Toluene-d8	10.344	98	567896	41.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.44%		
62) 4-Bromofluorobenzene	12.632	95	197258	40.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	188998	44.24	ug/l	97
3) Chloromethane	2.209	50	220395	47.90	ug/l	97
4) Vinyl Chloride	2.350	62	271614	53.08	ug/l	96
5) Bromomethane	2.773	94	172739	49.22	ug/l	100
6) Chloroethane	2.926	64	170490	54.54	ug/l	97
7) Trichlorofluoromethane	3.279	101	320738	47.75	ug/l	98
8) Diethyl Ether	3.715	74	89713	45.36	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	199090	50.82	ug/l	94
10) Methyl Iodide	4.303	142	197546	45.28	ug/l	94
11) Tert butyl alcohol	5.214	59	61177	179.77	ug/l	97
12) 1,1-Dichloroethene	4.073	96	190019	48.23	ug/l	93
13) Acrolein	3.920	56	57562	212.32	ug/l	98
14) Allyl chloride	4.715	41	260797	45.51	ug/l	97
15) Acrylonitrile	5.426	53	187357	239.16	ug/l	98
16) Acetone	4.156	43	181627	295.67	ug/l	96
17) Carbon Disulfide	4.415	76	569623	44.89	ug/l	98
18) Methyl Acetate	4.720	43	79764	50.03	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	412648	45.30	ug/l #	91
20) Methylene Chloride	4.967	84	219086	51.19	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	216559	47.88	ug/l	92
22) Diisopropyl ether	6.367	45	550055	47.56	ug/l #	92
23) Vinyl Acetate	6.309	43	1426879	231.46	ug/l	97
24) 1,1-Dichloroethane	6.267	63	370631	49.46	ug/l	99
25) 2-Butanone	7.214	43	216368	233.93	ug/l	99
26) 2,2-Dichloropropane	7.208	77	333517	47.04	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	241471	49.17	ug/l	94
28) Bromochloromethane	7.550	49	115167	45.11	ug/l #	76
29) Tetrahydrofuran	7.561	42	132862	221.59	ug/l	94
30) Chloroform	7.708	83	371945	49.12	ug/l	94
31) Cyclohexane	7.985	56	341078	45.79	ug/l	92
32) 1,1,1-Trichloroethane	7.908	97	336428	49.30	ug/l	95
36) 1,1-Dichloropropene	8.114	75	303065	48.82	ug/l	98
37) Ethyl Acetate	7.291	43	98082	44.67	ug/l #	93
38) Carbon Tetrachloride	8.103	117	290469	49.99	ug/l	99
39) Methylcyclohexane	9.355	83	391129	48.19	ug/l	98
40) Benzene	8.350	78	855600	49.29	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068295.D
 Acq On : 05 Feb 2021 11:48
 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
 2/8/2021 11:51:25 AM

Quant Time: Feb 05 21:39:17 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	7.526	41	56549	42.67	ug/l	99
42) 1,2-Dichloroethane	8.426	62	220807	47.61	ug/l	100
43) Isopropyl Acetate	8.455	43	195957	42.82	ug/l	96
44) Trichloroethene	9.114	130	235357	49.37	ug/l	95
45) 1,2-Dichloropropane	9.385	63	210454	49.51	ug/l	94
46) Dibromomethane	9.473	93	105769	49.11	ug/l	93
47) Bromodichloromethane	9.667	83	286875	49.37	ug/l	98
48) Methyl methacrylate	9.461	41	102860	45.16	ug/l	96
49) 1,4-Dioxane	9.461	88	22282	882.83	ug/l #	85
51) 4-Methyl-2-Pentanone	10.232	43	478079	224.74	ug/l	98
52) Toluene	10.408	92	556528	49.21	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	268442	45.64	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	327040	46.71	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	148720	48.72	ug/l	94
56) Ethyl methacrylate	10.661	69	179441	44.13	ug/l	94
57) 1,3-Dichloropropane	10.949	76	258863	48.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	435010	231.85	ug/l	92
59) 2-Hexanone	10.985	43	342820	232.49	ug/l	99
60) Dibromochloromethane	11.144	129	183450	47.94	ug/l	100
61) 1,2-Dibromoethane	11.249	107	144466	47.97	ug/l	98
64) Tetrachloroethene	10.879	164	182881	47.19	ug/l	96
65) Chlorobenzene	11.673	112	571528	48.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	199300	48.50	ug/l	96
67) Ethyl Benzene	11.744	91	1075606	49.73	ug/l	98
68) m/p-Xylenes	11.855	106	806205	98.73	ug/l	99
69) o-Xylene	12.179	106	371661	49.01	ug/l	96
70) Styrene	12.196	104	628311	48.54	ug/l	100
71) Bromoform	12.361	173	96858	46.51	ug/l #	98
73) Isopropylbenzene	12.479	105	1026649	49.67	ug/l	100
74) N-amyl acetate	12.291	43	180683	42.06	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	159347	48.47	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	118830m	49.48	ug/l	
77) Bromobenzene	12.761	156	211544	47.74	ug/l	88
78) n-propylbenzene	12.820	91	1216923	49.77	ug/l	97
79) 2-Chlorotoluene	12.908	91	653066	47.57	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	833440	48.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	48704	41.04	ug/l	96
82) 4-Chlorotoluene	13.008	91	695098	48.69	ug/l	96
83) tert-Butylbenzene	13.220	119	718755	49.28	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	823817	48.22	ug/l	99
85) sec-Butylbenzene	13.402	105	1016778	49.83	ug/l	98
86) p-Isopropyltoluene	13.514	119	911486	49.12	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	417555	49.01	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	401686	47.85	ug/l	98
89) n-Butylbenzene	13.843	91	889257	49.93	ug/l	98
90) Hexachloroethane	14.108	117	164971	49.21	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	356086	48.80	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22960	42.67	ug/l	84
93) 1,2,4-Trichlorobenzene	15.161	180	237311	47.43	ug/l	100
94) Hexachlorobutadiene	15.267	225	133583	48.17	ug/l	100
95) Naphthalene	15.396	128	430245	45.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	197041	46.69	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
Data File : VD068295.D
Acq On : 05 Feb 2021 11:48
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
2/8/2021 11:51:25 AM

Quant Time: Feb 05 21:39:17 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

