

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068424.D
 Acq On : 23 Feb 2021 14:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:35:24 PM

Quant Time: Feb 24 00:17:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	361843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	630048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	572720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	267025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189762	51.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.60%			
35) Dibromofluoromethane	7.920	113	193034	51.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.24%			
50) Toluene-d8	10.344	98	758377	48.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.86%			
62) 4-Bromofluorobenzene	12.632	95	248719	49.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	139482	42.07	ug/l	97
3) Chloromethane	2.209	50	167936	42.54	ug/l	99
4) Vinyl Chloride	2.350	62	209245	44.28	ug/l	98
5) Bromomethane	2.768	94	153821	45.54	ug/l	99
6) Chloroethane	2.926	64	144882	46.94	ug/l	96
7) Trichlorofluoromethane	3.273	101	269805	46.39	ug/l	99
8) Diethyl Ether	3.709	74	86333	50.54	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	169847	47.98	ug/l	93
10) Methyl Iodide	4.303	142	175515	52.80	ug/l	94
11) Tert butyl alcohol	5.226	59	46559	251.05	ug/l	99
12) 1,1-Dichloroethene	4.067	96	156864	45.58	ug/l	94
13) Acrolein	3.920	56	55585	262.11	ug/l	98
14) Allyl chloride	4.715	41	208672	46.64	ug/l	98
15) Acrylonitrile	5.426	53	190529	258.42	ug/l	97
16) Acetone	4.156	43	127152	222.80	ug/l #	87
17) Carbon Disulfide	4.409	76	427838	42.93	ug/l	100
18) Methyl Acetate	4.715	43	78128	49.88	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	392841	50.59	ug/l	95
20) Methylene Chloride	4.967	84	203222	51.32	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	189556	47.59	ug/l	99
22) Diisopropyl ether	6.367	45	487447	49.23	ug/l	97
23) Vinyl Acetate	6.309	43	1272146	248.83	ug/l	100
24) 1,1-Dichloroethane	6.273	63	332461	49.07	ug/l	99
25) 2-Butanone	7.214	43	198618	248.90	ug/l	98
26) 2,2-Dichloropropane	7.208	77	283099	48.85	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	222940	49.24	ug/l	95
28) Bromochloromethane	7.550	49	149919	53.35	ug/l	84
29) Tetrahydrofuran	7.561	42	128034	248.05	ug/l	99
30) Chloroform	7.714	83	359398	51.00	ug/l	94
31) Cyclohexane	7.985	56	260149	47.16	ug/l	93
32) 1,1,1-Trichloroethane	7.908	97	305409	50.16	ug/l	96
36) 1,1-Dichloropropene	8.114	75	260602	46.75	ug/l	96
37) Ethyl Acetate	7.297	43	91345	48.50	ug/l	94
38) Carbon Tetrachloride	8.103	117	253425	47.67	ug/l	97
39) Methylcyclohexane	9.355	83	310565	45.42	ug/l	96
40) Benzene	8.355	78	771000	48.50	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068424.D
 Acq On : 23 Feb 2021 14:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:35:24 PM

Quant Time: Feb 24 00:17:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	60837m	56.11	ug/l	
42) 1,2-Dichloroethane	8.432	62	211045	49.77	ug/l	99
43) Isopropyl Acetate	8.455	43	181294	50.26	ug/l	99
44) Trichloroethene	9.114	130	214052	49.47	ug/l	98
45) 1,2-Dichloropropane	9.391	63	194282	50.08	ug/l	99
46) Dibromomethane	9.479	93	109281	51.93	ug/l	93
47) Bromodichloromethane	9.667	83	277429	50.84	ug/l	99
48) Methyl methacrylate	9.455	41	83969	46.65	ug/l	84
49) 1,4-Dioxane	9.461	88	25334	1030.36	ug/l	94
51) 4-Methyl-2-Pentanone	10.232	43	478793	258.47	ug/l	99
52) Toluene	10.402	92	505025	49.41	ug/l	95
53) t-1,3-Dichloropropene	10.626	75	259346	51.36	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	302579	49.04	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	153590	52.83	ug/l	96
56) Ethyl methacrylate	10.661	69	177936	51.58	ug/l	95
57) 1,3-Dichloropropane	10.949	76	254564	49.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	475386	257.37	ug/l	93
59) 2-Hexanone	10.985	43	322467	257.52	ug/l	99
60) Dibromochloromethane	11.144	129	191498	53.08	ug/l	97
61) 1,2-Dibromoethane	11.249	107	144366	51.38	ug/l	99
64) Tetrachloroethene	10.879	164	167380	47.49	ug/l	96
65) Chlorobenzene	11.673	112	547973	49.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	201150	52.35	ug/l	98
67) Ethyl Benzene	11.744	91	987895	50.03	ug/l	97
68) m/p-Xylenes	11.855	106	743817	99.68	ug/l	100
69) o-Xylene	12.179	106	351670	51.37	ug/l	95
70) Styrene	12.196	104	606039	50.90	ug/l	100
71) Bromoform	12.361	173	105514	53.45	ug/l #	98
73) Isopropylbenzene	12.479	105	941499	48.27	ug/l	99
74) N-amyl acetate	12.291	43	169698	49.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	168763	49.93	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	119558m	47.05	ug/l	
77) Bromobenzene	12.761	156	217181	49.85	ug/l	92
78) n-propylbenzene	12.820	91	1118222	47.89	ug/l	98
79) 2-Chlorotoluene	12.908	91	618086	47.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	783547	49.16	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	50258	49.58	ug/l	96
82) 4-Chlorotoluene	13.002	91	660669	48.32	ug/l	98
83) tert-Butylbenzene	13.220	119	668453	48.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	783433	49.34	ug/l	99
85) sec-Butylbenzene	13.402	105	940368	48.63	ug/l	99
86) p-Isopropyltoluene	13.514	119	849142	48.91	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	418579	49.65	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	415911	49.58	ug/l	99
89) n-Butylbenzene	13.843	91	811959	47.93	ug/l	98
90) Hexachloroethane	14.108	117	158571	50.31	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	360873	49.37	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	24443	49.46	ug/l	93
93) 1,2,4-Trichlorobenzene	15.161	180	242667	50.69	ug/l	98
94) Hexachlorobutadiene	15.267	225	127386	48.38	ug/l	97
95) Naphthalene	15.396	128	462432	51.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	214151	51.28	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068424.D
Acq On : 23 Feb 2021 14:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:24 PM

Quant Time: Feb 24 00:17:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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

