

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007679.D
 Acq On : 01 Mar 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	348375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	555988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	510892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	251355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	174120	47.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.716	113	168033	47.272	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.540%		
50) Toluene-d8	10.179	98	609544	46.584	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.160%		
62) 4-Bromofluorobenzene	12.477	95	195494	46.350	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	107741	46.968	ug/l	96
3) Chloromethane	2.113	50	187710	52.829	ug/l	94
4) Vinyl Chloride	2.253	62	243215	46.536	ug/l	98
5) Bromomethane	2.650	94	210892	49.927	ug/l	99
6) Chloroethane	2.790	64	188151	46.943	ug/l	100
7) Trichlorofluoromethane	3.125	101	279513	46.809	ug/l	96
8) Diethyl Ether	3.528	74	93252	48.532	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	173705	47.654	ug/l	95
10) Methyl Iodide	4.088	142	214667	48.404	ug/l	92
11) Tert butyl alcohol	4.960	59	77529	245.526	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	153140	47.338	ug/l	85
13) Acrolein	3.729	56	58241	211.371	ug/l	99
14) Allyl chloride	4.479	41	233315	47.949	ug/l #	90
15) Acrylonitrile	5.161	53	257932	254.315	ug/l	98
16) Acetone	3.948	43	179309	241.678	ug/l #	89
17) Carbon Disulfide	4.198	76	386427	49.354	ug/l	99
18) Methyl Acetate	4.479	43	106451	48.914	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	493253	49.126	ug/l	95
20) Methylene Chloride	4.710	84	193439	54.712	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	181531	48.090	ug/l	90
22) Diisopropyl ether	6.119	45	588513	50.628	ug/l #	95
23) Vinyl Acetate	6.058	43	1951970	265.533	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	344800	49.091	ug/l	99
25) 2-Butanone	6.984	43	321766	258.526	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	302094	48.331	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	223757	50.552	ug/l	88
28) Bromochloromethane	7.332	49	135936	45.509	ug/l #	89
29) Tetrahydrofuran	7.350	42	219283	257.493	ug/l #	85
30) Chloroform	7.502	83	368676	50.666	ug/l	98
31) Cyclohexane	7.783	56	285072	50.794	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	320873	49.548	ug/l	98
36) 1,1-Dichloropropene	7.917	75	265184	47.424	ug/l	98
37) Ethyl Acetate	7.070	43	150126	48.609	ug/l	95
38) Carbon Tetrachloride	7.899	117	290081	48.632	ug/l	98
39) Methylcyclohexane	9.179	83	322675	46.954	ug/l	92
40) Benzene	8.161	78	759089	48.778	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007679.D
 Acq On : 01 Mar 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	77737m	52.672	ug/l	
42) 1,2-Dichloroethane	8.234	62	241350	49.703	ug/l	94
43) Isopropyl Acetate	8.271	43	291976	51.120	ug/l #	92
44) Trichloroethene	8.935	130	208466	48.234	ug/l	100
45) 1,2-Dichloropropane	9.216	63	199630	49.606	ug/l	94
46) Dibromomethane	9.307	93	120718	49.973	ug/l	95
47) Bromodichloromethane	9.496	83	286316	50.533	ug/l	98
48) Methyl methacrylate	9.289	41	125150	50.551	ug/l #	83
49) 1,4-Dioxane	9.301	88	28204	967.094	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	791388	258.959	ug/l	91
52) Toluene	10.240	92	494266	49.121	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	293393	50.436	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	322509	50.180	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	167922	51.096	ug/l	98
56) Ethyl methacrylate	10.508	69	224822	51.528	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	283083	50.939	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	593223	249.309	ug/l	96
59) 2-Hexanone	10.831	43	541849	263.288	ug/l	88
60) Dibromochloromethane	10.984	129	203020	51.881	ug/l	99
61) 1,2-Dibromoethane	11.087	107	156695	50.024	ug/l	99
64) Tetrachloroethene	10.715	164	176762	46.676	ug/l	98
65) Chlorobenzene	11.514	112	539250	48.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	212377	51.024	ug/l	98
67) Ethyl Benzene	11.593	91	965886	48.119	ug/l	98
68) m/p-Xylenes	11.703	106	754139	97.918	ug/l	92
69) o-Xylene	12.026	106	360615	49.410	ug/l	93
70) Styrene	12.044	104	608637	49.805	ug/l	96
71) Bromoform	12.203	173	132200	51.009	ug/l #	98
73) Isopropylbenzene	12.325	105	965306	49.296	ug/l	100
74) N-amyl acetate	12.142	43	264827	50.805	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	209677	51.054	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	141573m	50.435	ug/l	
77) Bromobenzene	12.605	156	225591	50.016	ug/l	93
78) n-propylbenzene	12.666	91	1161146	49.141	ug/l	99
79) 2-Chlorotoluene	12.752	91	626531	49.551	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	774622	49.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	68095	49.594	ug/l	90
82) 4-Chlorotoluene	12.855	91	644338	49.542	ug/l	97
83) tert-Butylbenzene	13.075	119	719231	49.938	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	764729	49.584	ug/l	98
85) sec-Butylbenzene	13.251	105	1053904	49.467	ug/l	99
86) p-Isopropyltoluene	13.367	119	875114	49.732	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	446404	49.736	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	432715	48.848	ug/l	99
89) n-Butylbenzene	13.696	91	810030	48.706	ug/l	99
90) Hexachloroethane	13.959	117	167447	50.201	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	397812	49.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30853	49.605	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	244521	48.463	ug/l	99
94) Hexachlorobutadiene	15.111	225	141747	47.517	ug/l	98
95) Naphthalene	15.233	128	513871	50.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	216907	48.236	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
Data File : VY007679.D
Acq On : 01 Mar 2022 20:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:53:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

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

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

