

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007351.D
 Acq On : 02 Feb 2022 12:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 03 04:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:14:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161363	104.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 209.080%#			
35) Dibromofluoromethane	7.722	113	152545	105.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 210.220%#			
50) Toluene-d8	10.179	98	568568	106.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 212.080%#			
62) 4-Bromofluorobenzene	12.483	95	184296	101.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 202.260%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	149840	95.371	ug/l	99
3) Chloromethane	2.113	50	169207	101.893	ug/l	96
4) Vinyl Chloride	2.253	62	178384	96.283	ug/l	98
5) Bromomethane	2.650	94	114037	101.618	ug/l	99
6) Chloroethane	2.796	64	112212	98.620	ug/l	99
7) Trichlorofluoromethane	3.131	101	297323	99.031	ug/l	94
8) Diethyl Ether	3.534	74	86857	97.463	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	166773	98.631	ug/l	93
10) Methyl Iodide	4.095	142	199896	109.664	ug/l	95
11) Tert butyl alcohol	4.960	59	77082	478.883	ug/l	97
12) 1,1-Dichloroethene	3.875	96	155370	99.476	ug/l	90
13) Acrolein	3.735	56	104668	504.778	ug/l	100
14) Allyl chloride	4.485	41	240736	100.350	ug/l #	95
15) Acrylonitrile	5.168	53	203787	486.718	ug/l	98
16) Acetone	3.948	43	268703	536.008	ug/l	92
17) Carbon Disulfide	4.198	76	491225	100.181	ug/l	99
18) Methyl Acetate	4.479	43	90807	96.712	ug/l #	90
19) Methyl tert-butyl Ether	5.229	73	438949	99.752	ug/l	95
20) Methylene Chloride	4.723	84	163311	102.948	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	171561	99.289	ug/l	90
22) Diisopropyl ether	6.125	45	488910	97.264	ug/l #	94
23) Vinyl Acetate	6.064	43	1618208	493.621	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	300782	99.077	ug/l	98
25) 2-Butanone	6.990	43	315163	520.351	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	289922	99.805	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	191438	100.305	ug/l	91
28) Bromochloromethane	7.338	49	120695	101.677	ug/l #	86
29) Tetrahydrofuran	7.350	42	167194	477.711	ug/l #	86
30) Chloroform	7.509	83	310373	98.280	ug/l	99
31) Cyclohexane	7.789	56	285187	94.687	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	292371	99.611	ug/l	96
36) 1,1-Dichloropropene	7.923	75	249931	98.511	ug/l	99
37) Ethyl Acetate	7.082	43	118006	93.557	ug/l	96
38) Carbon Tetrachloride	7.905	117	265656	99.665	ug/l	98
39) Methylcyclohexane	9.185	83	318070	99.828	ug/l	90
40) Benzene	8.161	78	669362	99.533	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007351.D
 Acq On : 02 Feb 2022 12:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 04:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:14:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	54181m	67.502	ug/l	
42) 1,2-Dichloroethane	8.240	62	203542	99.565	ug/l	95
43) Isopropyl Acetate	8.277	43	233904	99.160	ug/l #	92
44) Trichloroethene	8.941	130	181256	99.683	ug/l	96
45) 1,2-Dichloropropane	9.222	63	164750	99.351	ug/l	95
46) Dibromomethane	9.307	93	96869	98.186	ug/l	92
47) Bromodichloromethane	9.496	83	238720	100.061	ug/l	99
48) Methyl methacrylate	9.295	41	107908	101.154	ug/l #	89
49) 1,4-Dioxane	9.301	88	19127	1769.887	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	586875	490.561	ug/l	92
52) Toluene	10.246	92	421800	99.548	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	253333	101.644	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	284786	102.015	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	128769	99.379	ug/l	97
56) Ethyl methacrylate	10.508	69	182750	101.544	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	226272	98.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	484635	517.677	ug/l	96
59) 2-Hexanone	10.831	43	450680	516.729	ug/l	91
60) Dibromochloromethane	10.984	129	162221	100.564	ug/l	100
61) 1,2-Dibromoethane	11.087	107	128146	99.963	ug/l	99
64) Tetrachloroethene	10.721	164	150452	97.997	ug/l	94
65) Chlorobenzene	11.514	112	436283	100.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	163205	100.459	ug/l	97
67) Ethyl Benzene	11.593	91	841470	101.894	ug/l	99
68) m/p-Xylenes	11.703	106	624618	204.213	ug/l	100
69) o-Xylene	12.026	106	292170	101.032	ug/l	99
70) Styrene	12.044	104	490789	102.953	ug/l	99
71) Bromoform	12.209	173	91215	101.764	ug/l #	99
73) Isopropylbenzene	12.331	105	790309	100.072	ug/l	98
74) N-amyl acetate	12.142	43	199039	101.820	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	140430	97.371	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	105455m	101.302	ug/l	
77) Bromobenzene	12.605	156	166219	99.919	ug/l	98
78) n-propylbenzene	12.672	91	956879	100.033	ug/l	100
79) 2-Chlorotoluene	12.758	91	529406	99.961	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	645245	100.154	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	52753	102.880	ug/l	88
82) 4-Chlorotoluene	12.855	91	542434	99.720	ug/l	98
83) tert-Butylbenzene	13.075	119	560671	99.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	636580	100.354	ug/l	99
85) sec-Butylbenzene	13.252	105	834406	99.188	ug/l	98
86) p-Isopropyltoluene	13.367	119	695408	101.476	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	326010	101.077	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	317616	98.788	ug/l	97
89) n-Butylbenzene	13.697	91	661354	100.269	ug/l	99
90) Hexachloroethane	13.959	117	131852	101.809	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	283721	99.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23051	98.353	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	170010	101.121	ug/l	98
94) Hexachlorobutadiene	15.111	225	91842	98.679	ug/l	99
95) Naphthalene	15.233	128	367535	105.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147847	104.177	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007351.D
Acq On : 02 Feb 2022 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 04:17:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:14:02 2022
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_Y\Data\VY020222\
 Data File : VY007351.D
 Acq On : 02 Feb 2022 12:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 03 04:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:14:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

