

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007738.D
 Acq On : 04 Mar 2022 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 04:22:52 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	7.801	168	336549	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	557141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	496704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	161651	45.880	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.760%		
35) Dibromofluoromethane	7.728	113	168340	47.260	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.185	98	591503	45.112	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.220%		
62) 4-Bromofluorobenzene	12.489	95	186735	44.182	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	104482	47.163	ug/l	99
3) Chloromethane	2.119	50	171113	49.439	ug/l	93
4) Vinyl Chloride	2.260	62	217644	43.107	ug/l	94
5) Bromomethane	2.668	94	219912	53.892	ug/l	99
6) Chloroethane	2.808	64	163125	42.130	ug/l	99
7) Trichlorofluoromethane	3.143	101	277779	48.153	ug/l	96
8) Diethyl Ether	3.546	74	95076	51.221	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.912	101	175136	49.735	ug/l	97
10) Methyl Iodide	4.107	142	213567	49.848	ug/l	92
11) Tert butyl alcohol	4.985	59	53061	173.943	ug/l	98
12) 1,1-Dichloroethene	3.887	96	157437	50.376	ug/l	83
13) Acrolein	3.741	56	39405	135.240	ug/l	96
14) Allyl chloride	4.497	41	222612	47.357	ug/l #	85
15) Acrylonitrile	5.180	53	223018	227.617	ug/l	98
16) Acetone	3.960	43	145740	203.335	ug/l	92
17) Carbon Disulfide	4.210	76	384541	50.958	ug/l	98
18) Methyl Acetate	4.491	43	89541	41.769	ug/l #	82
19) Methyl tert-butyl Ether	5.235	73	508047	52.378	ug/l	95
20) Methylene Chloride	4.729	84	201461	59.355	ug/l #	84
21) trans-1,2-Dichloroethene	5.235	96	192552	52.802	ug/l	84
22) Diisopropyl ether	6.131	45	581928	51.820	ug/l #	94
23) Vinyl Acetate	6.076	43	1810400	254.929	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	365190	53.822	ug/l	99
25) 2-Butanone	6.996	43	261165	217.209	ug/l #	85
26) 2,2-Dichloropropane	6.996	77	297309	49.237	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	241949	56.582	ug/l	86
28) Bromochloromethane	7.344	49	137281	47.574	ug/l #	79
29) Tetrahydrofuran	7.356	42	173770	211.219	ug/l #	78
30) Chloroform	7.515	83	401104	57.059	ug/l	95
31) Cyclohexane	7.795	56	267308	49.177	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	356007	56.905	ug/l	97
36) 1,1-Dichloropropene	7.929	75	269776	48.145	ug/l	96
37) Ethyl Acetate	7.082	43	128839	41.630	ug/l	95
38) Carbon Tetrachloride	7.911	117	315884	52.848	ug/l	96
39) Methylcyclohexane	9.191	83	317325	46.080	ug/l	88
40) Benzene	8.167	78	820880	52.640	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007738.D
 Acq On : 04 Mar 2022 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 04:22:52 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	7.320	41	67360m	45.546	ug/l	
42) 1,2-Dichloroethane	8.246	62	251885	51.765	ug/l	94
43) Isopropyl Acetate	8.283	43	254666	44.496	ug/l #	89
44) Trichloroethene	8.947	130	230614	53.248	ug/l	99
45) 1,2-Dichloropropane	9.222	63	211185	52.368	ug/l	98
46) Dibromomethane	9.313	93	127208	52.550	ug/l	99
47) Bromodichloromethane	9.502	83	313111	55.148	ug/l	98
48) Methyl methacrylate	9.301	41	111001	44.744	ug/l #	76
49) 1,4-Dioxane	9.313	88	20618	705.513	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	668124	218.172	ug/l	89
52) Toluene	10.252	92	538748	53.431	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	293201	50.299	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	332155	51.574	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	175696	53.351	ug/l	99
56) Ethyl methacrylate	10.514	69	219212	50.138	ug/l #	83
57) 1,3-Dichloropropane	10.795	76	288756	51.852	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	529882	222.228	ug/l	94
59) 2-Hexanone	10.837	43	442800	214.714	ug/l	85
60) Dibromochloromethane	10.990	129	224175	57.169	ug/l	99
61) 1,2-Dibromoethane	11.093	107	165502	52.726	ug/l	99
64) Tetrachloroethene	10.727	164	190078	51.626	ug/l	98
65) Chlorobenzene	11.520	112	597857	55.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	242437	59.909	ug/l	98
67) Ethyl Benzene	11.599	91	1051366	53.874	ug/l	99
68) m/p-Xylenes	11.709	106	802862	107.222	ug/l	92
69) o-Xylene	12.032	106	396572	55.889	ug/l	90
70) Styrene	12.050	104	662530	55.764	ug/l	95
71) Bromoform	12.215	173	139402	55.325	ug/l #	100
73) Isopropylbenzene	12.337	105	1042126	56.700	ug/l	100
74) N-amyl acetate	12.148	43	234182	47.865	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	199348	51.714	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	136184m	51.689	ug/l	
77) Bromobenzene	12.611	156	251985	59.522	ug/l	87
78) n-propylbenzene	12.678	91	1205899	54.373	ug/l	99
79) 2-Chlorotoluene	12.758	91	663638	55.919	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	815179	55.468	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	58679	45.532	ug/l	90
82) 4-Chlorotoluene	12.861	91	665600	54.525	ug/l	94
83) tert-Butylbenzene	13.081	119	778882	57.617	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	811812	56.080	ug/l	97
85) sec-Butylbenzene	13.258	105	1085246	54.270	ug/l	98
86) p-Isopropyltoluene	13.373	119	903129	54.681	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	475251	56.414	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	462579	55.635	ug/l	98
89) n-Butylbenzene	13.696	91	759920	48.682	ug/l	99
90) Hexachloroethane	13.965	117	186191	59.472	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	418576	55.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	28509	48.835	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	248214	52.413	ug/l	99
94) Hexachlorobutadiene	15.117	225	150165	53.632	ug/l	100
95) Naphthalene	15.239	128	502814	52.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	230489	54.609	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007738.D
Acq On : 04 Mar 2022 11:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Mar 05 04:22:52 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007738.D
 Acq On : 04 Mar 2022 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

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

Quant Time: Mar 05 04:22:52 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

