

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014251.D
 Acq On : 20 Jun 2023 01:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:05:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137500	47.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.980%		
35) Dibromofluoromethane	7.722	113	120989	53.779	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.560%		
50) Toluene-d8	10.185	98	405115	48.166	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.340%		
62) 4-Bromofluorobenzene	12.483	95	170063	56.920	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	113.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	108133	47.159	ug/l	93
3) Chloromethane	2.119	50	131847	45.349	ug/l	98
4) Vinyl Chloride	2.253	62	132829	46.991	ug/l	95
5) Bromomethane	2.637	94	98577	42.267	ug/l	95
6) Chloroethane	2.790	64	87098	45.346	ug/l	97
7) Trichlorofluoromethane	3.125	101	232001	50.521	ug/l	99
8) Diethyl Ether	3.534	74	74900	48.847	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	120872	52.154	ug/l	99
10) Methyl Iodide	4.094	142	152633	49.875	ug/l	99
11) Tert butyl alcohol	4.960	59	77013	230.608	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	115577	49.201	ug/l	97
13) Acrolein	3.735	56	21544	150.390	ug/l	98
14) Allyl chloride	4.485	41	205349	48.226	ug/l	99
15) Acrylonitrile	5.167	53	204070	258.019	ug/l	99
16) Acetone	3.954	43	172725	200.009	ug/l	95
17) Carbon Disulfide	4.198	76	355402	46.689	ug/l	98
18) Methyl Acetate	4.485	43	227308	67.812	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	354956	51.233	ug/l	98
20) Methylene Chloride	4.722	84	160265	58.758	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	134085	51.176	ug/l	96
22) Diisopropyl ether	6.131	45	435546	53.423	ug/l	92
23) Vinyl Acetate	6.070	43	1062301	220.839	ug/l	99
24) 1,1-Dichloroethane	6.021	63	246089	52.352	ug/l	99
25) 2-Butanone	6.990	43	275004	258.696	ug/l	98
26) 2,2-Dichloropropane	6.984	77	199780	45.250	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	154395	52.677	ug/l	98
28) Bromochloromethane	7.338	49	96598	50.533	ug/l	96
29) Tetrahydrofuran	7.356	42	181882	269.820	ug/l	99
30) Chloroform	7.508	83	266172	53.374	ug/l	96
31) Cyclohexane	7.795	56	197997	51.590	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	239682	53.289	ug/l	99
36) 1,1-Dichloropropene	7.923	75	188115	53.634	ug/l	99
37) Ethyl Acetate	7.082	43	111647	46.135	ug/l	99
38) Carbon Tetrachloride	7.905	117	222285	54.920	ug/l	97
39) Methylcyclohexane	9.191	83	211921	54.458	ug/l	97
40) Benzene	8.167	78	554925	53.207	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014251.D
 Acq On : 20 Jun 2023 01:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:05:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	70510m	57.090	ug/l	
42) 1,2-Dichloroethane	8.246	62	191617	51.955	ug/l	100
43) Isopropyl Acetate	8.277	43	208596	49.179	ug/l	97
44) Trichloroethene	8.947	130	148636	53.341	ug/l	100
45) 1,2-Dichloropropane	9.222	63	139524	52.669	ug/l	95
46) Dibromomethane	9.313	93	85450	52.402	ug/l	99
47) Bromodichloromethane	9.502	83	206306	54.034	ug/l	99
48) Methyl methacrylate	9.301	41	103622	52.379	ug/l	97
49) 1,4-Dioxane	9.301	88	22195	1071.185	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	622751	270.247	ug/l	100
52) Toluene	10.246	92	349468	54.053	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	204793	50.952	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	224804	51.262	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	116029	53.646	ug/l	96
56) Ethyl methacrylate	10.514	69	158944	53.279	ug/l	99
57) 1,3-Dichloropropane	10.794	76	195157	52.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	381104	281.780	ug/l	99
59) 2-Hexanone	10.837	43	440191	264.481	ug/l	100
60) Dibromochloromethane	10.990	129	150998	54.546	ug/l	100
61) 1,2-Dibromoethane	11.093	107	113615	53.226	ug/l	99
64) Tetrachloroethene	10.721	164	155632	59.743	ug/l	96
65) Chlorobenzene	11.520	112	379854	51.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	151453	52.434	ug/l	99
67) Ethyl Benzene	11.593	91	690595	53.725	ug/l	100
68) m/p-Xylenes	11.703	106	531343	107.466	ug/l	98
69) o-Xylene	12.032	106	254588	54.463	ug/l	99
70) Styrene	12.044	104	434601	54.474	ug/l	99
71) Bromoform	12.209	173	104553	52.854	ug/l	99
73) Isopropylbenzene	12.331	105	664083	51.215	ug/l	100
74) N-amyl acetate	12.148	43	174863	42.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	139216	48.049	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	119535m	53.603	ug/l	
77) Bromobenzene	12.611	156	169641	49.777	ug/l	96
78) n-propylbenzene	12.672	91	821091	51.844	ug/l	100
79) 2-Chlorotoluene	12.758	91	467480	51.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	578505	52.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46036	44.624	ug/l	98
82) 4-Chlorotoluene	12.855	91	484518	50.173	ug/l	99
83) tert-Butylbenzene	13.075	119	484272	51.327	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	575470	52.362	ug/l	99
85) sec-Butylbenzene	13.257	105	720469	52.523	ug/l	100
86) p-Isopropyltoluene	13.373	119	605465	51.574	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328572	50.496	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	328761	50.147	ug/l	99
89) n-Butylbenzene	13.696	91	567392	52.109	ug/l	99
90) Hexachloroethane	13.959	117	123385	52.744	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	301561	51.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26873	48.705	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	185181	50.020	ug/l	99
94) Hexachlorobutadiene	15.111	225	109013	51.004	ug/l	99
95) Naphthalene	15.239	128	381581	50.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	167103	49.951	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014251.D
Acq On : 20 Jun 2023 01:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:05:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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\VY061923\
Data File : VY014251.D
Acq On : 20 Jun 2023 01:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 20 05:05:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/20/2023
Supervised By : Mahesh Dadoda 06/20/2023

