

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014249.D
 Acq On : 19 Jun 2023 23:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 05:04:35 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)

Internal Standards						
1) Pentafluorobenzene	7.795	168	194884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131183	48.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.680%		
35) Dibromofluoromethane	7.722	113	115884	55.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.500%		
50) Toluene-d8	10.185	98	386956	49.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.483	95	160961	57.781	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	115.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102715	47.292	ug/l	99
3) Chloromethane	2.113	50	121740	44.205	ug/l	99
4) Vinyl Chloride	2.253	62	125632	46.921	ug/l	98
5) Bromomethane	2.637	94	96343	43.610	ug/l	98
6) Chloroethane	2.790	64	83115	45.683	ug/l	98
7) Trichlorofluoromethane	3.125	101	229517	52.765	ug/l	100
8) Diethyl Ether	3.534	74	68611	47.238	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	114982	52.376	ug/l	99
10) Methyl Iodide	4.088	142	122165	42.143	ug/l	99
11) Tert butyl alcohol	4.966	59	76107	241.556	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	106627	47.919	ug/l	98
13) Acrolein	3.735	56	27545	215.998	ug/l	98
14) Allyl chloride	4.485	41	189712	47.035	ug/l	98
15) Acrylonitrile	5.167	53	202665	270.516	ug/l	100
16) Acetone	3.948	43	171929	210.177	ug/l	96
17) Carbon Disulfide	4.198	76	331367	45.956	ug/l	99
18) Methyl Acetate	4.485	43	175795	55.366	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	336055	51.207	ug/l	99
20) Methylene Chloride	4.716	84	147331	56.911	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	125505	50.570	ug/l	96
22) Diisopropyl ether	6.125	45	406928	52.693	ug/l	96
23) Vinyl Acetate	6.064	43	1166939	256.105	ug/l	99
24) 1,1-Dichloroethane	6.021	63	226523	50.874	ug/l	99
25) 2-Butanone	6.990	43	279309	277.382	ug/l	97
26) 2,2-Dichloropropane	6.984	77	193321	46.226	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	143990	51.864	ug/l	99
28) Bromochloromethane	7.338	49	89271	49.301	ug/l	97
29) Tetrahydrofuran	7.350	42	182875	286.406	ug/l	98
30) Chloroform	7.508	83	249971	52.918	ug/l	97
31) Cyclohexane	7.789	56	189448	52.112	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	223916	52.557	ug/l	99
36) 1,1-Dichloropropene	7.923	75	178086	54.458	ug/l	99
37) Ethyl Acetate	7.076	43	120619	53.457	ug/l	97
38) Carbon Tetrachloride	7.905	117	211210	55.969	ug/l	98
39) Methylcyclohexane	9.185	83	211322	58.243	ug/l	97
40) Benzene	8.167	78	522954	53.779	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014249.D
 Acq On : 19 Jun 2023 23:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 05:04:35 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)
41) Methacrylonitrile	7.332	41	77021m	66.885	ug/l	
42) 1,2-Dichloroethane	8.240	62	183994	53.507	ug/l	100
43) Isopropyl Acetate	8.277	43	215486	54.489	ug/l	99
44) Trichloroethene	8.941	130	139327	53.627	ug/l	100
45) 1,2-Dichloropropane	9.222	63	131362	53.184	ug/l	98
46) Dibromomethane	9.307	93	81554	53.640	ug/l	99
47) Bromodichloromethane	9.502	83	192859	54.176	ug/l	95
48) Methyl methacrylate	9.295	41	102828	55.747	ug/l	98
49) 1,4-Dioxane	9.307	88	22992	1190.134	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	630297	293.361	ug/l	100
52) Toluene	10.246	92	332938	55.232	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199958	53.357	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	212692	52.018	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	111679	55.380	ug/l	97
56) Ethyl methacrylate	10.514	69	155296	55.831	ug/l	99
57) 1,3-Dichloropropane	10.788	76	189102	54.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	383704	301.994	ug/l	99
59) 2-Hexanone	10.831	43	447983	288.686	ug/l	100
60) Dibromochloromethane	10.983	129	144351	55.927	ug/l	100
61) 1,2-Dibromoethane	11.093	107	108515	54.524	ug/l	99
64) Tetrachloroethene	10.721	164	150409	61.210	ug/l	96
65) Chlorobenzene	11.520	112	354131	51.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	143079	52.514	ug/l	100
67) Ethyl Benzene	11.593	91	652330	53.800	ug/l	99
68) m/p-Xylenes	11.703	106	500226	107.257	ug/l	100
69) o-Xylene	12.032	106	239683	54.358	ug/l	100
70) Styrene	12.044	104	414723	55.108	ug/l	99
71) Bromoform	12.209	173	102517	54.941	ug/l #	99
73) Isopropylbenzene	12.331	105	634405	51.319	ug/l	100
74) N-amyl acetate	12.142	43	195287	49.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	138867	50.273	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	114185m	53.708	ug/l	
77) Bromobenzene	12.611	156	160387	49.364	ug/l	97
78) n-propylbenzene	12.672	91	785552	52.026	ug/l	100
79) 2-Chlorotoluene	12.757	91	440298	50.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	548874	51.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45910	46.679	ug/l	96
82) 4-Chlorotoluene	12.855	91	463302	50.322	ug/l	99
83) tert-Butylbenzene	13.074	119	462447	51.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	552929	52.772	ug/l	100
85) sec-Butylbenzene	13.251	105	701725	53.659	ug/l	100
86) p-Isopropyltoluene	13.367	119	588662	52.596	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	313301	50.504	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	313905	50.223	ug/l	99
89) n-Butylbenzene	13.696	91	559172	53.866	ug/l	99
90) Hexachloroethane	13.965	117	116188	52.097	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	286574	51.435	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27043	51.411	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	177717	50.352	ug/l	99
94) Hexachlorobutadiene	15.111	225	111088	54.517	ug/l	97
95) Naphthalene	15.239	128	374388	52.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165108	51.769	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014249.D
Acq On : 19 Jun 2023 23:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Jun 20 05:04:35 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 : VY014249.D
Acq On : 19 Jun 2023 23:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 20 05:04:35 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

