

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	122230	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220844	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	194277	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	84620	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	72093	64.609	ug/l	0.02
Spiked Amount 50.000	Range 50	- 163	Recovery	= 129.220%		
35) Dibromofluoromethane	7.752	113	73208	57.870	ug/l	0.02
Spiked Amount 50.000	Range 54	- 147	Recovery	= 115.740%		
50) Toluene-d8	10.203	98	267629	58.686	ug/l	0.01
Spiked Amount 50.000	Range 58	- 134	Recovery	= 117.380%		
62) 4-Bromofluorobenzene	12.502	95	86936	58.760	ug/l	0.01
Spiked Amount 50.000	Range 30	- 143	Recovery	= 117.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	44234	42.347	ug/l	98
3) Chloromethane	2.131	50	83504	52.007	ug/l	97
4) Vinyl Chloride	2.272	62	93333	51.463	ug/l	100
5) Bromomethane	2.680	94	69098	53.493	ug/l	98
6) Chloroethane	2.820	64	65276	53.117	ug/l	99
7) Trichlorofluoromethane	3.156	101	99165	46.937	ug/l	99
8) Diethyl Ether	3.564	74	38222	56.554	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.936	101	61434	47.403	ug/l	98
10) Methyl Iodide	4.131	142	66036	48.898	ug/l	100
11) Tert butyl alcohol	4.997	59	26836	293.328	ug/l	98
12) 1,1-Dichloroethene	3.912	96	60546	52.470	ug/l	97
13) Acrolein	3.759	56	17741	251.329	ug/l	97
14) Allyl chloride	4.521	41	99008	56.018	ug/l	98
15) Acrylonitrile	5.204	53	91614	320.092	ug/l	99
16) Acetone	3.979	43	73415	243.311	ug/l	98
17) Carbon Disulfide	4.235	76	170927	54.440	ug/l	98
18) Methyl Acetate	4.521	43	85776	72.743	ug/l	98
19) Methyl tert-butyl Ether	5.265	73	172338	58.044	ug/l	100
20) Methylene Chloride	4.765	84	83067	55.527	ug/l	96
21) trans-1,2-Dichloroethene	5.265	96	74778	56.820	ug/l	99
22) Diisopropyl ether	6.161	45	242982	60.767	ug/l	97
23) Vinyl Acetate	6.100	43	548599	290.088	ug/l	100
24) 1,1-Dichloroethane	6.064	63	139766	58.188	ug/l	99
25) 2-Butanone	7.021	43	115953	279.115	ug/l	99
26) 2,2-Dichloropropane	7.021	77	105982	50.562	ug/l	99
27) cis-1,2-Dichloroethene	7.027	96	87586	57.827	ug/l	99
28) Bromochloromethane	7.374	49	63640	66.941	ug/l	98
29) Tetrahydrofuran	7.387	42	74695	328.826	ug/l	98
30) Chloroform	7.545	83	143332	58.290	ug/l	99
31) Cyclohexane	7.819	56	100200	46.869	ug/l	97
32) 1,1,1-Trichloroethane	7.740	97	114826	53.199	ug/l	98
36) 1,1-Dichloropropene	7.954	75	100328	49.470	ug/l	99
37) Ethyl Acetate	7.112	43	49820	57.312	ug/l	98
38) Carbon Tetrachloride	7.935	117	96284	47.977	ug/l	96
39) Methylcyclohexane	9.216	83	108515	46.343	ug/l	99
40) Benzene	8.191	78	317848	53.856	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	31031	67.234	ug/l	97
42) 1,2-Dichloroethane	8.271	62	85940	55.815	ug/l	100
43) Isopropyl Acetate	8.301	43	95070	56.310	ug/l	99
44) Trichloroethene	8.972	130	77989	51.774	ug/l	98
45) 1,2-Dichloropropane	9.246	63	81136	54.806	ug/l	95
46) Dibromomethane	9.331	93	41996	54.911	ug/l	98
47) Bromodichloromethane	9.526	83	109495	54.319	ug/l	97
48) Methyl methacrylate	9.319	41	53463	56.977	ug/l	96
49) 1,4-Dioxane	9.325	88	8361	1126.356	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	265172	294.779	ug/l	99
52) Toluene	10.270	92	194196	54.908	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	99980	54.395	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	121178	54.657	ug/l	97
55) 1,1,2-Trichloroethane	10.673	97	60761	55.684	ug/l	97
56) Ethyl methacrylate	10.532	69	55921	58.280	ug/l	99
57) 1,3-Dichloropropane	10.813	76	103750	55.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	179971	348.662	ug/l	98
59) 2-Hexanone	10.855	43	177187	264.157	ug/l	99
60) Dibromochloromethane	11.008	129	69120	54.758	ug/l	99
61) 1,2-Dibromoethane	11.111	107	54398	55.589	ug/l	99
64) Tetrachloroethene	10.746	164	62454	51.750	ug/l	97
65) Chlorobenzene	11.538	112	200511	52.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	74714	52.024	ug/l	99
67) Ethyl Benzene	11.618	91	367731	52.342	ug/l	99
68) m/p-Xylenes	11.727	106	271918	104.812	ug/l	99
69) o-Xylene	12.050	106	126131	52.995	ug/l	97
70) Styrene	12.069	104	189654	53.850	ug/l	98
71) Bromoform	12.233	173	37788	52.777	ug/l #	98
73) Isopropylbenzene	12.349	105	340796	51.712	ug/l	100
74) N-amyl acetate	12.166	43	73292	52.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	70405	53.460	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	53493m	57.186	ug/l	
77) Bromobenzene	12.630	156	73375	51.035	ug/l	98
78) n-propylbenzene	12.690	91	409685	51.308	ug/l	99
79) 2-Chlorotoluene	12.782	91	226791	51.330	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	273985	52.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	19871	49.887	ug/l	97
82) 4-Chlorotoluene	12.873	91	234160	51.660	ug/l	100
83) tert-Butylbenzene	13.099	119	236777	52.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	268465	52.189	ug/l	98
85) sec-Butylbenzene	13.276	105	338148	50.311	ug/l	100
86) p-Isopropyltoluene	13.392	119	283367	50.625	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	140869	50.136	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	138819	50.598	ug/l	100
89) n-Butylbenzene	13.715	91	267321	49.960	ug/l	100
90) Hexachloroethane	13.983	117	58237	49.966	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	124731	52.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8815	51.636	ug/l	96
93) 1,2,4-Trichlorobenzene	15.032	180	61962	48.785	ug/l	96
94) Hexachlorobutadiene	15.129	225	33166	45.975	ug/l	99
95) Naphthalene	15.257	128	123899	45.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	52892	48.897	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016842.D
Acq On : 23 Dec 2023 06:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
Supervised By :Semsettin Yesilyurt 12/26/2023

Quant Time: Dec 23 06:44:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 23 06:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023

