

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022680.D
 Acq On : 12 Jun 2025 18:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/13/2025
 Supervised By :Semsettin Yesilyurt 06/13/2025

Quant Time: Jun 13 05:44:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	136999	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	235495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	101059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	79610	51.956	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.920%			
35) Dibromofluoromethane	7.628	113	75615	53.795	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.580%			
50) Toluene-d8	10.103	98	291026	51.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.402	95	85917	50.771	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	52866	43.101	ug/l	95
3) Chloromethane	2.062	50	187235	51.672	ug/l	98
4) Vinyl Chloride	2.196	62	279389	66.464	ug/l	100
5) Bromomethane	2.586	94	223616	55.502	ug/l	99
6) Chloroethane	2.726	64	201591	69.869	ug/l	95
7) Trichlorofluoromethane	3.037	101	272876	76.467	ug/l	95
8) Diethyl Ether	3.452	74	43629	54.288	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	74043	49.264	ug/l	98
10) Methyl Iodide	3.994	142	77644	47.737	ug/l	99
11) Tert butyl alcohol	4.860	59	30707	280.586	ug/l	95
12) 1,1-Dichloroethene	3.775	96	72741	50.632	ug/l	99
13) Acrolein	3.641	56	15296	112.150	ug/l	98
14) Allyl chloride	4.372	41	104237	46.217	ug/l	94
15) Acrylonitrile	5.055	53	92521	271.834	ug/l	99
16) Acetone	3.860	43	70121	225.339	ug/l	98
17) Carbon Disulfide	4.092	76	215675	46.891	ug/l	99
18) Methyl Acetate	4.379	43	51070	55.421	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	215629	53.288	ug/l	100
20) Methylene Chloride	4.604	84	89370	50.560	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	83149	51.712	ug/l	95
22) Diisopropyl ether	6.012	45	252992	50.395	ug/l	99
23) Vinyl Acetate	5.951	43	753017	253.427	ug/l	99
24) 1,1-Dichloroethane	5.903	63	155784	52.675	ug/l	99
25) 2-Butanone	6.890	43	115865	258.133	ug/l	99
26) 2,2-Dichloropropane	6.872	77	115930	44.365	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	101742	54.744	ug/l	97
28) Bromochloromethane	7.238	49	67735	52.540	ug/l	98
29) Tetrahydrofuran	7.256	42	77933	269.198	ug/l	97
30) Chloroform	7.415	83	161361	55.084	ug/l	97
31) Cyclohexane	7.695	56	129309	43.918	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	137352	52.819	ug/l	99
36) 1,1-Dichloropropene	7.829	75	113148	49.597	ug/l	99
37) Ethyl Acetate	6.982	43	53071	52.165	ug/l	98
38) Carbon Tetrachloride	7.811	117	119705	51.149	ug/l	99
39) Methylcyclohexane	9.103	83	143341	46.755	ug/l	97
40) Benzene	8.073	78	355760	52.798	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022680.D
 Acq On : 12 Jun 2025 18:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/13/2025
 Supervised By :Semsettin Yesilyurt 06/13/2025

Quant Time: Jun 13 05:44:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	30914m	52.022	ug/l	
42) 1,2-Dichloroethane	8.152	62	98911	53.762	ug/l	98
43) Isopropyl Acetate	8.195	43	114872	52.281	ug/l	99
44) Trichloroethene	8.859	130	90079	54.699	ug/l	94
45) 1,2-Dichloropropane	9.134	63	86342	54.220	ug/l	96
46) Dibromomethane	9.225	93	48079	53.666	ug/l	98
47) Bromodichloromethane	9.420	83	124677	54.884	ug/l	99
48) Methyl methacrylate	9.213	41	51285	49.732	ug/l	92
49) 1,4-Dioxane	9.225	88	12161	1145.796	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	301306	275.049	ug/l	96
52) Toluene	10.164	92	225706	53.303	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	110210	51.780	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	129395	52.225	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	63963	55.992	ug/l	95
56) Ethyl methacrylate	10.432	69	89251	54.055	ug/l	98
57) 1,3-Dichloropropane	10.713	76	111840	55.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	213014	284.158	ug/l	99
59) 2-Hexanone	10.755	43	198258	270.609	ug/l	98
60) Dibromochloromethane	10.908	129	80214	55.253	ug/l	98
61) 1,2-Dibromoethane	11.012	107	58859	56.530	ug/l	94
64) Tetrachloroethene	10.640	164	108042	61.203	ug/l	98
65) Chlorobenzene	11.438	112	238626	52.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	81699	53.405	ug/l	99
67) Ethyl Benzene	11.511	91	432263	51.320	ug/l	99
68) m/p-Xylenes	11.621	106	328915	103.010	ug/l	99
69) o-Xylene	11.950	106	155703	52.011	ug/l	99
70) Styrene	11.963	104	264193	53.388	ug/l	98
71) Bromoform	12.127	173	44276	54.388	ug/l #	99
73) Isopropylbenzene	12.249	105	403381	48.618	ug/l	100
74) N-amyl acetate	12.066	43	105950	50.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	65584	48.162	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	54743m	47.349	ug/l	
77) Bromobenzene	12.523	156	86705	49.522	ug/l	99
78) n-propylbenzene	12.590	91	485434	47.902	ug/l	98
79) 2-Chlorotoluene	12.676	91	261420	48.673	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	317539	48.748	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	20996	43.856	ug/l	96
82) 4-Chlorotoluene	12.773	91	272608	49.201	ug/l	99
83) tert-Butylbenzene	12.993	119	285553	48.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	319144	48.987	ug/l	100
85) sec-Butylbenzene	13.170	105	431821	48.228	ug/l	99
86) p-Isopropyltoluene	13.285	119	360483	48.843	ug/l	98
87) 1,3-Dichlorobenzene	13.279	146	178064	50.196	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	170097	49.437	ug/l	98
89) n-Butylbenzene	13.609	91	339862	48.536	ug/l	99
90) Hexachloroethane	13.871	117	72498	50.457	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	154851	51.414	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11004	55.503	ug/l	93
93) 1,2,4-Trichlorobenzene	14.913	180	85657	52.146	ug/l	98
94) Hexachlorobutadiene	15.017	225	45504	50.190	ug/l	99
95) Naphthalene	15.139	128	174299	55.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	75603	53.704	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
Data File : VY022680.D
Acq On : 12 Jun 2025 18:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/13/2025
Supervised By :Semsettin Yesilyurt 06/13/2025

Quant Time: Jun 13 05:44:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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\VY061225\
 Data File : VY022680.D
 Acq On : 12 Jun 2025 18:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 05:44:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/13/2025
 Supervised By :Semsettin Yesilyurt 06/13/2025

