

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023363.D
 Acq On : 25 Sep 2025 10:02
 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 :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 04:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	631796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	940041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	821307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	424523	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	266495	48.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.634	113	281102	48.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	1075615	49.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.402	95	353510	51.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	219036	43.213	ug/l	99
3) Chloromethane	2.074	50	324116	44.687	ug/l	99
4) Vinyl Chloride	2.208	62	411223	45.005	ug/l	99
5) Bromomethane	2.598	94	316241	42.386	ug/l	100
6) Chloroethane	2.733	64	278305	45.008	ug/l	100
7) Trichlorofluoromethane	3.056	101	542326	47.025	ug/l	98
8) Diethyl Ether	3.452	74	149197	48.892	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	285901	46.097	ug/l	95
10) Methyl Iodide	4.007	142	342636	47.358	ug/l	99
11) Tert butyl alcohol	4.854	59	98803	308.005	ug/l	97
12) 1,1-Dichloroethene	3.787	96	277961	46.587	ug/l	91
13) Acrolein	3.653	56	39830	73.445	ug/l	100
14) Allyl chloride	4.385	41	366800	48.667	ug/l	97
15) Acrylonitrile	5.055	53	286377	238.392	ug/l	100
16) Acetone	3.867	43	334186	264.267	ug/l	97
17) Carbon Disulfide	4.104	76	833060	44.101	ug/l	98
18) Methyl Acetate	4.385	43	162622	52.424	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	701068	49.973	ug/l	99
20) Methylene Chloride	4.616	84	343429	50.761	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	312425	46.866	ug/l	95
22) Diisopropyl ether	6.019	45	814549	48.527	ug/l	96
23) Vinyl Acetate	5.958	43	2254041	242.905	ug/l	97
24) 1,1-Dichloroethane	5.915	63	514850	46.895	ug/l	98
25) 2-Butanone	6.890	43	401194	257.768	ug/l	96
26) 2,2-Dichloropropane	6.884	77	473929	48.889	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	366719	48.577	ug/l	95
28) Bromochloromethane	7.244	49	179521	41.556	ug/l	86
29) Tetrahydrofuran	7.262	42	226091	244.906	ug/l	95
30) Chloroform	7.421	83	554518	47.008	ug/l	97
31) Cyclohexane	7.701	56	444531	45.756	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	495816	47.045	ug/l	99
36) 1,1-Dichloropropene	7.835	75	388271	47.442	ug/l	98
37) Ethyl Acetate	6.982	43	154849	47.564	ug/l	97
38) Carbon Tetrachloride	7.817	117	455219	48.340	ug/l	97
39) Methylcyclohexane	9.109	83	523772	50.026	ug/l	95
40) Benzene	8.079	78	1222631	48.062	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023363.D
 Acq On : 25 Sep 2025 10:02
 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 :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 04:20:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	80921	47.998	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	309339	47.762	ug/l	98
43) Isopropyl Acetate	8.195	43	304406	48.073	ug/l	96
44) Trichloroethene	8.866	130	341164	48.150	ug/l	96
45) 1,2-Dichloropropane	9.140	63	272689	47.464	ug/l	100
46) Dibromomethane	9.231	93	166393	47.558	ug/l	94
47) Bromodichloromethane	9.420	83	420279	47.748	ug/l	99
48) Methyl methacrylate	9.219	41	150404	50.960	ug/l	96
49) 1,4-Dioxane	9.225	88	39920	1124.007	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	820313	253.220	ug/l	98
52) Toluene	10.170	92	789225	48.888	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	381213	50.304	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	453573	50.090	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	221391	47.569	ug/l	99
56) Ethyl methacrylate	10.439	69	277203	51.410	ug/l	96
57) 1,3-Dichloropropane	10.713	76	363202	48.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	586918	249.745	ug/l	94
59) 2-Hexanone	10.762	43	594562	265.491	ug/l	99
60) Dibromochloromethane	10.908	129	309540	49.019	ug/l	100
61) 1,2-Dibromoethane	11.012	107	215067	49.315	ug/l	100
64) Tetrachloroethene	10.646	164	385894	47.143	ug/l	95
65) Chlorobenzene	11.438	112	881228	48.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	309255	48.968	ug/l	98
67) Ethyl Benzene	11.518	91	1488495	50.638	ug/l	98
68) m/p-Xylenes	11.627	106	1194332	101.469	ug/l	96
69) o-Xylene	11.950	106	560860	51.473	ug/l	99
70) Styrene	11.969	104	924109	51.173	ug/l	98
71) Bromoform	12.127	173	189182	50.302	ug/l #	99
73) Isopropylbenzene	12.249	105	1447151	50.607	ug/l	99
74) N-amyl acetate	12.066	43	269321	49.826	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	236928	49.368	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	201640m	46.903	ug/l	
77) Bromobenzene	12.530	156	364321	49.868	ug/l	93
78) n-propylbenzene	12.591	91	1708199	50.683	ug/l	98
79) 2-Chlorotoluene	12.676	91	978791	50.421	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	1192647	51.280	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	79277	50.289	ug/l	98
82) 4-Chlorotoluene	12.773	91	1000593	49.261	ug/l	97
83) tert-Butylbenzene	12.993	119	1077272	51.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1184295	51.473	ug/l	98
85) sec-Butylbenzene	13.170	105	1577053	51.457	ug/l	99
86) p-Isopropyltoluene	13.286	119	1340078	51.763	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	716192	49.541	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	693824	48.455	ug/l	98
89) n-Butylbenzene	13.615	91	1195485	52.069	ug/l	99
90) Hexachloroethane	13.877	117	269461	48.010	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	623053	49.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	36045	47.866	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	393266	53.488	ug/l	98
94) Hexachlorobutadiene	15.017	225	242483	53.340	ug/l	99
95) Naphthalene	15.139	128	645489	54.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	335641	52.564	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023363.D
Acq On : 25 Sep 2025 10:02
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 :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 04:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Sep 26 04:20:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

