

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023334.D
 Acq On : 10 Sep 2025 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/11/2025
 Supervised By :Semsettin Yesilyurt 09/11/2025

Quant Time: Sep 11 03:51:38 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	7.713	168	519594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	784874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	708690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216163	47.344	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.680%		
35) Dibromofluoromethane	7.634	113	232362	48.432	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.109	98	886561	48.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.880%		
62) 4-Bromofluorobenzene	12.401	95	289069	50.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	174310	41.816	ug/l	97
3) Chloromethane	2.068	50	281679	47.222	ug/l	99
4) Vinyl Chloride	2.202	62	349173	46.466	ug/l	99
5) Bromomethane	2.592	94	272047	44.337	ug/l	99
6) Chloroethane	2.739	64	239880	47.171	ug/l	99
7) Trichlorofluoromethane	3.056	101	448341	47.270	ug/l	99
8) Diethyl Ether	3.458	74	117258	46.724	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	231335	45.354	ug/l	97
10) Methyl Iodide	4.007	142	263318	44.254	ug/l	99
11) Tert butyl alcohol	4.854	59	64957	246.221	ug/l	99
12) 1,1-Dichloroethene	3.787	96	221654	45.172	ug/l	93
13) Acrolein	3.653	56	79738	178.783	ug/l	98
14) Allyl chloride	4.385	41	286774	46.265	ug/l	97
15) Acrylonitrile	5.061	53	237278	240.173	ug/l	99
16) Acetone	3.866	43	227513	218.763	ug/l	99
17) Carbon Disulfide	4.104	76	698986	44.994	ug/l	99
18) Methyl Acetate	4.385	43	160553	62.934	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	558127	48.375	ug/l	98
20) Methylene Chloride	4.616	84	255249	45.874	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	253083	46.162	ug/l	96
22) Diisopropyl ether	6.025	45	657496	47.630	ug/l	98
23) Vinyl Acetate	5.964	43	1715866	224.839	ug/l	98
24) 1,1-Dichloroethane	5.915	63	418963	46.402	ug/l	99
25) 2-Butanone	6.896	43	302934	236.666	ug/l	92
26) 2,2-Dichloropropane	6.884	77	361211	45.308	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	297410	47.904	ug/l	94
28) Bromochloromethane	7.244	49	168553	47.443	ug/l	89
29) Tetrahydrofuran	7.262	42	184887	243.520	ug/l	94
30) Chloroform	7.421	83	458566	47.268	ug/l	96
31) Cyclohexane	7.701	56	357328	44.723	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	403594	46.564	ug/l	99
36) 1,1-Dichloropropene	7.835	75	317505	46.465	ug/l	98
37) Ethyl Acetate	6.988	43	127906	47.055	ug/l	98
38) Carbon Tetrachloride	7.817	117	366805	46.651	ug/l	97
39) Methylcyclohexane	9.109	83	417843	47.799	ug/l	95
40) Benzene	8.079	78	1003457	47.245	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023334.D
 Acq On : 10 Sep 2025 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/11/2025
 Supervised By :Semsettin Yesilyurt 09/11/2025

Quant Time: Sep 11 03:51:38 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	63276m	44.952	ug/l	
42) 1,2-Dichloroethane	8.158	62	255055	47.166	ug/l	99
43) Isopropyl Acetate	8.201	43	252773	47.811	ug/l #	82
44) Trichloroethene	8.866	130	281910	47.653	ug/l	99
45) 1,2-Dichloropropane	9.140	63	228094	47.551	ug/l	100
46) Dibromomethane	9.231	93	140545	48.112	ug/l	97
47) Bromodichloromethane	9.420	83	349691	47.583	ug/l	98
48) Methyl methacrylate	9.219	41	123768	50.225	ug/l	93
49) 1,4-Dioxane	9.225	88	31617	1066.218	ug/l	86
51) 4-Methyl-2-Pentanone	9.999	43	690137	255.153	ug/l	98
52) Toluene	10.170	92	655583	48.638	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	309403	48.900	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	367071	48.551	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	186626	48.027	ug/l	97
56) Ethyl methacrylate	10.438	69	229245	50.921	ug/l	96
57) 1,3-Dichloropropane	10.719	76	307634	48.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	545463	277.992	ug/l	95
59) 2-Hexanone	10.762	43	466949	249.729	ug/l	97
60) Dibromochloromethane	10.908	129	257944	48.923	ug/l	99
61) 1,2-Dibromoethane	11.011	107	179496	49.295	ug/l	99
64) Tetrachloroethene	10.646	164	351935	49.826	ug/l	99
65) Chlorobenzene	11.438	112	733811	47.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	257290	47.214	ug/l	98
67) Ethyl Benzene	11.518	91	1227893	48.411	ug/l	97
68) m/p-Xylenes	11.627	106	992957	97.766	ug/l	96
69) o-Xylene	11.956	106	460233	48.950	ug/l	98
70) Styrene	11.969	104	777604	49.903	ug/l	98
71) Bromoform	12.133	173	157259	48.459	ug/l #	99
73) Isopropylbenzene	12.255	105	1188974	46.680	ug/l	99
74) N-amyl acetate	12.066	43	213303	44.304	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	188083	43.998	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	197234m	51.507	ug/l	
77) Bromobenzene	12.530	156	297656	45.741	ug/l	93
78) n-propylbenzene	12.590	91	1411637	47.022	ug/l	98
79) 2-Chlorotoluene	12.676	91	810773	46.890	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	981238	47.366	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	64927	46.239	ug/l	97
82) 4-Chlorotoluene	12.773	91	822471	45.459	ug/l	97
83) tert-Butylbenzene	12.993	119	887573	47.306	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	980355	47.836	ug/l	97
85) sec-Butylbenzene	13.176	105	1287298	47.156	ug/l	98
86) p-Isopropyltoluene	13.292	119	1096113	47.534	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	592739	46.031	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	574015	45.006	ug/l	98
89) n-Butylbenzene	13.615	91	968227	47.344	ug/l	99
90) Hexachloroethane	13.877	117	223989	44.805	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	514749	45.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31153	46.445	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	305654	46.672	ug/l	99
94) Hexachlorobutadiene	15.023	225	183301	45.269	ug/l	98
95) Naphthalene	15.139	128	511424	48.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	266906	46.928	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
Data File : VY023334.D
Acq On : 10 Sep 2025 15:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/11/2025
Supervised By :Semsettin Yesilyurt 09/11/2025

Quant Time: Sep 11 03:51:38 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023334.D
 Acq On : 10 Sep 2025 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 03:51:38 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/11/2025
 Supervised By :Semsettin Yesilyurt 09/11/2025

