

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023988.D
 Acq On : 16 Dec 2025 14:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
 Supervised By :Mahesh Dadoda 12/18/2025

Quant Time: Dec 17 03:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	511340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	714723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	619444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	326620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	165471	42.816	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.640%		
35) Dibromofluoromethane	7.646	113	181413	42.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.820%		
50) Toluene-d8	10.115	98	662245	42.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.820%		
62) 4-Bromofluorobenzene	12.407	95	218196	43.134	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	166006	50.600	ug/l	100
3) Chloromethane	2.080	50	205153	53.424	ug/l	100
4) Vinyl Chloride	2.214	62	257147	53.005	ug/l	100
5) Bromomethane	2.610	94	202539	47.041	ug/l	100
6) Chloroethane	2.744	64	180161	52.719	ug/l	100
7) Trichlorofluoromethane	3.074	101	400894	51.767	ug/l	100
8) Diethyl Ether	3.464	74	112653	54.437	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.829	101	238447	51.376	ug/l	100
10) Methyl Iodide	4.018	142	299273	44.909	ug/l	100
11) Tert butyl alcohol	4.884	59	63654	281.371	ug/l	100
12) 1,1-Dichloroethene	3.805	96	225077	53.509	ug/l	100
13) Acrolein	3.665	56	100340	264.521	ug/l	100
14) Allyl chloride	4.396	41	271710	53.330	ug/l	100
15) Acrylonitrile	5.073	53	228972	284.828	ug/l	100
16) Acetone	3.884	43	266264	229.762	ug/l	100
17) Carbon Disulfide	4.122	76	604517	57.430	ug/l	100
18) Methyl Acetate	4.403	43	98766	56.582	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	554836	55.519	ug/l	100
20) Methylene Chloride	4.628	84	250275	47.124	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	246491	53.923	ug/l	100
22) Diisopropyl ether	6.030	45	636060	54.057	ug/l	100
23) Vinyl Acetate	5.975	43	1817035	283.687	ug/l	100
24) 1,1-Dichloroethane	5.927	63	401393	52.426	ug/l	100
25) 2-Butanone	6.908	43	309714	261.097	ug/l	100
26) 2,2-Dichloropropane	6.896	77	373400	52.262	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	286671	52.943	ug/l	100
28) Bromochloromethane	7.256	49	156173	51.111	ug/l	100
29) Tetrahydrofuran	7.274	42	177525	295.597	ug/l	100
30) Chloroform	7.432	83	439754	51.773	ug/l	100
31) Cyclohexane	7.713	56	355841	52.604	ug/l	100
32) 1,1,1-Trichloroethane	7.628	97	412278	52.326	ug/l	100
36) 1,1-Dichloropropene	7.847	75	312337	53.277	ug/l	100
37) Ethyl Acetate	6.994	43	127032	57.241	ug/l	100
38) Carbon Tetrachloride	7.829	117	382251	52.052	ug/l	100
39) Methylcyclohexane	9.115	83	423133	54.132	ug/l	100
40) Benzene	8.091	78	958721	53.336	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023988.D
 Acq On : 16 Dec 2025 14:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/17/2025
 Supervised By : Mahesh Dadoda 12/18/2025

Quant Time: Dec 17 03:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	65978	49.235	ug/l	89
42) 1,2-Dichloroethane	8.164	62	249013	53.767	ug/l	100
43) Isopropyl Acetate	8.207	43	243293	56.675	ug/l	100
44) Trichloroethene	8.871	130	281210	53.087	ug/l	100
45) 1,2-Dichloropropane	9.146	63	212849	52.732	ug/l	100
46) Dibromomethane	9.237	93	131553	54.349	ug/l	100
47) Bromodichloromethane	9.432	83	333677	53.133	ug/l	100
48) Methyl methacrylate	9.225	41	117263	56.044	ug/l	100
49) 1,4-Dioxane	9.237	88	30560	1159.154	ug/l	100
51) 4-Methyl-2-Pentanone	10.005	43	654740	291.373	ug/l	100
52) Toluene	10.176	92	644990	51.546	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	296181	55.489	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	350672	54.837	ug/l	100
55) 1,1,2-Trichloroethane	10.578	97	181191	54.500	ug/l	100
56) Ethyl methacrylate	10.444	69	222723	45.390	ug/l	100
57) 1,3-Dichloropropane	10.718	76	293058	54.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	340819	223.413	ug/l	100
59) 2-Hexanone	10.761	43	475506	281.584	ug/l	100
60) Dibromochloromethane	10.914	129	255441	54.634	ug/l	100
61) 1,2-Dibromoethane	11.017	107	170467	55.375	ug/l	100
64) Tetrachloroethene	10.651	164	341743	53.770	ug/l	100
65) Chlorobenzene	11.444	112	713292	52.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	251648	52.303	ug/l	100
67) Ethyl Benzene	11.523	91	1200707	54.142	ug/l	100
68) m/p-Xylenes	11.633	106	966503	108.505	ug/l	100
69) o-Xylene	11.956	106	450527	54.378	ug/l	100
70) Styrene	11.974	104	736191	55.361	ug/l	100
71) Bromoform	12.133	173	155535	54.186	ug/l	100
73) Isopropylbenzene	12.255	105	1193752	53.060	ug/l	100
74) N-amyl acetate	12.072	43	211019	48.393	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	179839	52.759	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	157835m	54.579	ug/l	
77) Bromobenzene	12.535	156	297120	52.540	ug/l	100
78) n-propylbenzene	12.596	91	1377971	53.441	ug/l	100
79) 2-Chlorotoluene	12.682	91	778874	52.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	949638	53.680	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	60859	53.858	ug/l	100
82) 4-Chlorotoluene	12.779	91	793894	52.385	ug/l	100
83) tert-Butylbenzene	12.999	119	902095	54.323	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	945788	54.073	ug/l	100
85) sec-Butylbenzene	13.175	105	1271278	53.034	ug/l	100
86) p-Isopropyltoluene	13.291	119	1083023	53.778	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	562261	51.673	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	551277	51.623	ug/l	100
89) n-Butylbenzene	13.620	91	928835	53.387	ug/l	100
90) Hexachloroethane	13.883	117	213090	50.682	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	489660	52.173	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	27599	55.557	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	290095	54.336	ug/l	100
94) Hexachlorobutadiene	15.023	225	190114	50.863	ug/l	100
95) Naphthalene	15.145	128	469763	51.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	244827	54.644	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
Data File : VY023988.D
Acq On : 16 Dec 2025 14:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

Quant Time: Dec 17 03:36:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:31:24 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\VY121625\
 Data File : VY023988.D
 Acq On : 16 Dec 2025 14:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 17 03:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/17/2025
 Supervised By : Mahesh Dadoda 12/18/2025

