

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023704.D
 Acq On : 07 Nov 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 03:25:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	538446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	758592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	666124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	327420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221221	48.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.640	113	248139	52.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.109	98	952808	53.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.408	95	306332	53.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	158470	44.835	ug/l	99
3) Chloromethane	2.074	50	232062	46.918	ug/l	100
4) Vinyl Chloride	2.208	62	300957	46.761	ug/l	99
5) Bromomethane	2.605	94	238095	43.979	ug/l	100
6) Chloroethane	2.739	64	213650	48.030	ug/l	99
7) Trichlorofluoromethane	3.062	101	437698	48.288	ug/l	100
8) Diethyl Ether	3.458	74	111846	46.013	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	254739	51.008	ug/l	98
10) Methyl Iodide	4.007	142	312359	52.966	ug/l	99
11) Tert butyl alcohol	4.860	59	57765	195.047	ug/l	97
12) 1,1-Dichloroethene	3.793	96	239749	49.835	ug/l	96
13) Acrolein	3.653	56	66389	174.405	ug/l	99
14) Allyl chloride	4.391	41	302981	51.742	ug/l	98
15) Acrylonitrile	5.061	53	218892	235.638	ug/l	99
16) Acetone	3.873	43	284784	249.442	ug/l	96
17) Carbon Disulfide	4.110	76	747498	50.625	ug/l	99
18) Methyl Acetate	4.391	43	101530	40.318	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	534447	47.910	ug/l	100
20) Methylene Chloride	4.623	84	261436	47.435	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	276477	50.970	ug/l	96
22) Diisopropyl ether	6.025	45	689679	52.858	ug/l	97
23) Vinyl Acetate	5.964	43	1845709	265.078	ug/l	98
24) 1,1-Dichloroethane	5.921	63	445545	51.258	ug/l	99
25) 2-Butanone	6.896	43	309332	234.344	ug/l	99
26) 2,2-Dichloropropane	6.890	77	415215	51.930	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	314964	50.841	ug/l	99
28) Bromochloromethane	7.250	49	169664	50.977	ug/l	94
29) Tetrahydrofuran	7.268	42	167477	238.237	ug/l	96
30) Chloroform	7.427	83	493185	50.852	ug/l	99
31) Cyclohexane	7.707	56	391470	51.714	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	444233	51.250	ug/l	99
36) 1,1-Dichloropropene	7.835	75	350485	55.327	ug/l	99
37) Ethyl Acetate	6.988	43	128122	52.245	ug/l	98
38) Carbon Tetrachloride	7.823	117	407589	54.609	ug/l	99
39) Methylcyclohexane	9.110	83	455419	56.265	ug/l	97
40) Benzene	8.085	78	1085256	54.350	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023704.D
 Acq On : 07 Nov 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 03:25:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	74712m	55.814	ug/l	
42) 1,2-Dichloroethane	8.158	62	260189	51.505	ug/l	99
43) Isopropyl Acetate	8.201	43	227451	49.363	ug/l	98
44) Trichloroethene	8.866	130	296587	51.714	ug/l	99
45) 1,2-Dichloropropane	9.140	63	237611	53.918	ug/l	98
46) Dibromomethane	9.238	93	140834	51.577	ug/l	97
47) Bromodichloromethane	9.427	83	366417	53.225	ug/l	97
48) Methyl methacrylate	9.225	41	110883	50.935	ug/l	99
49) 1,4-Dioxane	9.231	88	26684	954.908	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	616638	251.647	ug/l	99
52) Toluene	10.170	92	705940	55.376	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	307659	52.816	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	375878	53.858	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	186368	51.073	ug/l	96
56) Ethyl methacrylate	10.439	69	211774	52.673	ug/l	99
57) 1,3-Dichloropropane	10.719	76	300751	51.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	470133	254.826	ug/l	98
59) 2-Hexanone	10.762	43	447949	250.566	ug/l	100
60) Dibromochloromethane	10.914	129	257006	51.259	ug/l	99
61) 1,2-Dibromoethane	11.018	107	174147	50.852	ug/l	99
64) Tetrachloroethene	10.652	164	359845	51.901	ug/l	98
65) Chlorobenzene	11.444	112	763136	52.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	269589	52.574	ug/l	99
67) Ethyl Benzene	11.524	91	1321365	56.300	ug/l	99
68) m/p-Xylenes	11.633	106	1051517	112.136	ug/l	98
69) o-Xylene	11.957	106	478830	55.240	ug/l	97
70) Styrene	11.969	104	801072	56.011	ug/l	99
71) Bromoform	12.133	173	151566	50.608	ug/l #	100
73) Isopropylbenzene	12.255	105	1269095	57.954	ug/l	100
74) N-amyl acetate	12.072	43	186944	50.423	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	179315	51.270	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	143205m	54.043	ug/l	
77) Bromobenzene	12.530	156	305486	53.780	ug/l	97
78) n-propylbenzene	12.597	91	1506138	58.472	ug/l	99
79) 2-Chlorotoluene	12.682	91	850044	56.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1034284	58.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	59727	50.939	ug/l	99
82) 4-Chlorotoluene	12.780	91	867455	56.273	ug/l	99
83) tert-Butylbenzene	12.999	119	916961	56.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1008797	57.244	ug/l	100
85) sec-Butylbenzene	13.176	105	1345435	57.564	ug/l	100
86) p-Isopropyltoluene	13.292	119	1134346	57.330	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	593476	53.083	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	568041	51.724	ug/l	100
89) n-Butylbenzene	13.621	91	983934	57.187	ug/l	99
90) Hexachloroethane	13.883	117	233079	54.816	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	498599	51.750	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25074	46.562	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	269549	48.911	ug/l	99
94) Hexachlorobutadiene	15.023	225	182754	50.612	ug/l	98
95) Naphthalene	15.145	128	384582	40.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	218927	47.547	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
Data File : VY023704.D
Acq On : 07 Nov 2025 08:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Nov 08 03:25:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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

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

