

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023776.D
 Acq On : 13 Nov 2025 10:46
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Quant Time: Nov 14 04:23:50 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	545029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	820567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	760023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	418145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235681	50.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.634	113	256940	50.105	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.220%			
50) Toluene-d8	10.103	98	976007	51.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.402	95	384143	62.185	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 124.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79594	22.247	ug/l	97
3) Chloromethane	2.074	50	106278	21.228	ug/l	99
4) Vinyl Chloride	2.202	62	131346	20.161	ug/l	99
5) Bromomethane	2.592	94	109472	19.977	ug/l	100
6) Chloroethane	2.733	64	88056	19.556	ug/l	99
7) Trichlorofluoromethane	3.056	101	199401	21.733	ug/l	100
8) Diethyl Ether	3.458	74	51454	20.912	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	109549	21.671	ug/l	99
10) Methyl Iodide	4.007	142	106137	17.780	ug/l	98
11) Tert butyl alcohol	4.842	59	46387	154.737	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	104547	21.469	ug/l	97
13) Acrolein	3.653	56	32558	84.498	ug/l	97
14) Allyl chloride	4.385	41	129235	21.804	ug/l	95
15) Acrylonitrile	5.055	53	100126	106.484	ug/l	99
16) Acetone	3.866	43	138157	119.550	ug/l	97
17) Carbon Disulfide	4.104	76	320170	21.422	ug/l	100
18) Methyl Acetate	4.385	43	42045	16.495	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	227189	20.120	ug/l	99
20) Methylene Chloride	4.616	84	124301	22.281	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	114996	20.944	ug/l	92
22) Diisopropyl ether	6.019	45	293002	22.185	ug/l	96
23) Vinyl Acetate	5.958	43	772434	109.596	ug/l	97
24) 1,1-Dichloroethane	5.915	63	189891	21.582	ug/l	99
25) 2-Butanone	6.896	43	150376	112.546	ug/l	97
26) 2,2-Dichloropropane	6.884	77	177614	21.945	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	129453	20.644	ug/l	97
28) Bromochloromethane	7.244	49	72758	21.597	ug/l	94
29) Tetrahydrofuran	7.256	42	73131	102.773	ug/l	95
30) Chloroform	7.421	83	209452	21.336	ug/l	96
31) Cyclohexane	7.701	56	164132	21.420	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	187015	21.315	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143675	20.967	ug/l	98
37) Ethyl Acetate	6.982	43	54421	20.515	ug/l	99
38) Carbon Tetrachloride	7.817	117	166738	20.652	ug/l	98
39) Methylcyclohexane	9.109	83	176587	20.169	ug/l	95
40) Benzene	8.079	78	457268	21.171	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023776.D
 Acq On : 13 Nov 2025 10:46
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Quant Time: Nov 14 04:23:50 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

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25725	17.766	ug/l #	73
42) 1,2-Dichloroethane	8.158	62	113325	20.739	ug/l	100
43) Isopropyl Acetate	8.195	43	101503	20.365	ug/l	98
44) Trichloroethene	8.866	130	125002	20.150	ug/l	100
45) 1,2-Dichloropropane	9.140	63	100412	21.064	ug/l	97
46) Dibromomethane	9.231	93	61074	20.678	ug/l	95
47) Bromodichloromethane	9.420	83	156275	20.986	ug/l	100
48) Methyl methacrylate	9.219	41	44060	18.711	ug/l	97
49) 1,4-Dioxane	9.225	88	12378	409.501	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	270250	101.958	ug/l	99
52) Toluene	10.170	92	293575	21.290	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	128390	20.376	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	156524	20.734	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	81108	20.548	ug/l	95
56) Ethyl methacrylate	10.438	69	85667	19.698	ug/l	99
57) 1,3-Dichloropropane	10.713	76	129224	20.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	203517	101.981	ug/l	98
59) 2-Hexanone	10.762	43	204847	105.930	ug/l	98
60) Dibromochloromethane	10.908	129	109389	20.170	ug/l	98
61) 1,2-Dibromoethane	11.012	107	75698	20.435	ug/l	97
64) Tetrachloroethene	10.646	164	154096	19.480	ug/l	98
65) Chlorobenzene	11.438	112	326124	19.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	113251	19.357	ug/l	99
67) Ethyl Benzene	11.518	91	519543	19.401	ug/l	98
68) m/p-Xylenes	11.627	106	417915	39.061	ug/l	97
69) o-Xylene	11.957	106	188450	19.054	ug/l	97
70) Styrene	11.969	104	318461	19.516	ug/l	99
71) Bromoform	12.127	173	75763	22.172	ug/l #	99
73) Isopropylbenzene	12.255	105	580787	20.767	ug/l	100
74) N-amyl acetate	12.066	43	83531	17.642	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	87155	19.513	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	63683m	18.818	ug/l	
77) Bromobenzene	12.530	156	149004	20.540	ug/l	98
78) n-propylbenzene	12.591	91	688982	20.945	ug/l	100
79) 2-Chlorotoluene	12.676	91	405941	21.266	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	494452	21.761	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29575	19.751	ug/l	90
82) 4-Chlorotoluene	12.773	91	425037	21.590	ug/l	99
83) tert-Butylbenzene	12.993	119	418202	20.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	469133	20.845	ug/l	99
85) sec-Butylbenzene	13.176	105	614481	20.586	ug/l	100
86) p-Isopropyltoluene	13.292	119	513632	20.327	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	284549	19.929	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	277351	19.775	ug/l	99
89) n-Butylbenzene	13.615	91	429665	19.554	ug/l	99
90) Hexachloroethane	13.877	117	103951	19.143	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	240850	19.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12745	18.532	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130145	18.492	ug/l	98
94) Hexachlorobutadiene	15.023	225	89012	19.303	ug/l	99
95) Naphthalene	15.145	128	180841	18.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112209	19.082	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
Data File : VY023776.D
Acq On : 13 Nov 2025 10:46
Operator : SY/MD
Sample : VY1113SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 04:23:50 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

