

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023682.D
 Acq On : 05 Nov 2025 10:49
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/06/2025
 Supervised By :Mahesh Dadoda 11/06/2025

Quant Time: Nov 06 03:27:05 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	532178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	820842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	720375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	360108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227009	50.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.634	113	248012	48.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.700%			
50) Toluene-d8	10.109	98	944857	49.447	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.401	95	303304	49.082	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75675	21.663	ug/l	97
3) Chloromethane	2.074	50	107800	22.052	ug/l	99
4) Vinyl Chloride	2.208	62	134183	21.094	ug/l	100
5) Bromomethane	2.592	94	115475	21.581	ug/l	99
6) Chloroethane	2.732	64	93748	21.323	ug/l	100
7) Trichlorofluoromethane	3.062	101	181685	20.280	ug/l	97
8) Diethyl Ether	3.458	74	49100	20.437	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	99528	20.164	ug/l	99
10) Methyl Iodide	4.007	142	113985	19.556	ug/l	100
11) Tert butyl alcohol	4.866	59	36168	123.562	ug/l	96
12) 1,1-Dichloroethene	3.793	96	96226	20.238	ug/l	91
13) Acrolein	3.653	56	41165	109.415	ug/l	99
14) Allyl chloride	4.385	41	122872	21.231	ug/l	98
15) Acrylonitrile	5.061	53	95635	104.164	ug/l	100
16) Acetone	3.866	43	122857	108.878	ug/l	98
17) Carbon Disulfide	4.104	76	310435	21.272	ug/l	100
18) Methyl Acetate	4.391	43	49892	20.046	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	227342	20.620	ug/l	94
20) Methylene Chloride	4.622	84	114818	21.078	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	113255	21.125	ug/l	96
22) Diisopropyl ether	6.018	45	284340	22.049	ug/l	95
23) Vinyl Acetate	5.964	43	746408	108.461	ug/l	99
24) 1,1-Dichloroethane	5.915	63	182376	21.228	ug/l	97
25) 2-Butanone	6.896	43	142028	108.865	ug/l	96
26) 2,2-Dichloropropane	6.890	77	167282	21.168	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	127911	20.891	ug/l	98
28) Bromochloromethane	7.250	49	69693	21.186	ug/l	97
29) Tetrahydrofuran	7.262	42	73151	105.283	ug/l	96
30) Chloroform	7.421	83	201399	21.011	ug/l	100
31) Cyclohexane	7.701	56	152939	20.442	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	177464	20.715	ug/l	99
36) 1,1-Dichloropropene	7.835	75	134628	19.640	ug/l	99
37) Ethyl Acetate	6.988	43	53738	20.251	ug/l	99
38) Carbon Tetrachloride	7.817	117	158365	19.609	ug/l	99
39) Methylcyclohexane	9.109	83	167855	19.165	ug/l	96
40) Benzene	8.079	78	446011	20.643	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023682.D
 Acq On : 05 Nov 2025 10:49
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/06/2025
 Supervised By :Mahesh Dadoda 11/06/2025

Quant Time: Nov 06 03:27:05 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	7.226	41	28446	19.639	ug/l	97
42) 1,2-Dichloroethane	8.158	62	111745	20.443	ug/l	99
43) Isopropyl Acetate	8.201	43	99528	19.962	ug/l	99
44) Trichloroethene	8.866	130	123108	19.838	ug/l	95
45) 1,2-Dichloropropane	9.140	63	98517	20.660	ug/l	97
46) Dibromomethane	9.231	93	59142	20.017	ug/l	99
47) Bromodichloromethane	9.426	83	152477	20.469	ug/l	99
48) Methyl methacrylate	9.219	41	46202	19.614	ug/l	98
49) 1,4-Dioxane	9.231	88	11748	388.529	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	267090	100.732	ug/l	98
52) Toluene	10.170	92	285370	20.688	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	126168	20.017	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	151960	20.122	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	78768	19.949	ug/l	99
56) Ethyl methacrylate	10.438	69	83326	19.153	ug/l	99
57) 1,3-Dichloropropane	10.719	76	125805	20.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	193847	97.102	ug/l	99
59) 2-Hexanone	10.762	43	199230	102.990	ug/l	98
60) Dibromochloromethane	10.914	129	108005	19.908	ug/l	99
61) 1,2-Dibromoethane	11.011	107	74074	19.990	ug/l	100
64) Tetrachloroethene	10.646	164	146804	19.579	ug/l	98
65) Chlorobenzene	11.438	112	316034	20.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	111252	20.062	ug/l	100
67) Ethyl Benzene	11.517	91	509610	20.078	ug/l	98
68) m/p-Xylenes	11.627	106	409695	40.400	ug/l	98
69) o-Xylene	11.956	106	184520	19.684	ug/l	97
70) Styrene	11.969	104	311907	20.166	ug/l	99
71) Bromoform	12.133	173	63715	19.672	ug/l #	100
73) Isopropylbenzene	12.255	105	487278	20.232	ug/l	99
74) N-amyl acetate	12.072	43	80489	19.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	77297	20.095	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	58249m	19.987	ug/l	
77) Bromobenzene	12.529	156	125620	20.108	ug/l	97
78) n-propylbenzene	12.590	91	579674	20.462	ug/l	99
79) 2-Chlorotoluene	12.676	91	338292	20.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	403987	20.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24323	18.861	ug/l	97
82) 4-Chlorotoluene	12.773	91	350443	20.670	ug/l	99
83) tert-Butylbenzene	12.999	119	357830	20.077	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	403970	20.843	ug/l	99
85) sec-Butylbenzene	13.176	105	520622	20.253	ug/l	100
86) p-Isopropyltoluene	13.292	119	439555	20.199	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	243474	19.801	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	242760	20.098	ug/l	98
89) n-Butylbenzene	13.615	91	377158	19.931	ug/l	100
90) Hexachloroethane	13.877	117	92420	19.763	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	213805	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11718	19.785	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	119951	19.790	ug/l	99
94) Hexachlorobutadiene	15.023	225	78785	19.838	ug/l	98
95) Naphthalene	15.145	128	173573	19.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103634	20.464	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
Data File : VY023682.D
Acq On : 05 Nov 2025 10:49
Operator : SY/MD
Sample : VY1105SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

Quant Time: Nov 06 03:27:05 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

