

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023732.D
 Acq On : 11 Nov 2025 11:53
 Operator : SY/MD
 Sample : VY1111SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 03:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	584802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	861663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	746154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	364250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	244489	49.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane	7.640	113	267750	50.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%			
50) Toluene-d8	10.109	98	1006553	51.049	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.407	95	325147	49.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	74585	17.719	ug/l	98
3) Chloromethane	2.074	50	99351	17.326	ug/l	99
4) Vinyl Chloride	2.208	62	124105	16.616	ug/l	100
5) Bromomethane	2.598	94	108187	17.261	ug/l	95
6) Chloroethane	2.738	64	85128	16.721	ug/l	98
7) Trichlorofluoromethane	3.068	101	186452	17.980	ug/l	96
8) Diethyl Ether	3.458	74	53458	19.728	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108719	20.203	ug/l	98
10) Methyl Iodide	4.013	142	118428	19.768	ug/l	99
11) Tert butyl alcohol	4.866	59	30016	82.506	ug/l	100
12) 1,1-Dichloroethene	3.799	96	103444	19.830	ug/l	96
13) Acrolein	3.659	56	37934	73.793	ug/l	99
14) Allyl chloride	4.391	41	130877	20.586	ug/l	98
15) Acrylonitrile	5.073	53	100093	96.519	ug/l	99
16) Acetone	3.866	43	133600	114.757	ug/l	98
17) Carbon Disulfide	4.110	76	312579	20.936	ug/l	100
18) Methyl Acetate	4.391	43	45196	14.799	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	248957	19.857	ug/l	96
20) Methylene Chloride	4.622	84	117492	18.663	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	116582	20.299	ug/l	98
22) Diisopropyl ether	6.024	45	293783	20.891	ug/l	96
23) Vinyl Acetate	5.963	43	795672	104.531	ug/l	98
24) 1,1-Dichloroethane	5.921	63	188282	20.212	ug/l	98
25) 2-Butanone	6.902	43	151588	106.654	ug/l	91
26) 2,2-Dichloropropane	6.890	77	174486	20.414	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	132358	19.951	ug/l	99
28) Bromochloromethane	7.250	49	75726	21.776	ug/l	94
29) Tetrahydrofuran	7.268	42	74118	91.960	ug/l	99
30) Chloroform	7.427	83	208915	20.413	ug/l	98
31) Cyclohexane	7.707	56	164576	20.231	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	186916	20.097	ug/l	100
36) 1,1-Dichloropropene	7.841	75	141924	20.248	ug/l	99
37) Ethyl Acetate	6.994	43	58494	21.064	ug/l	99
38) Carbon Tetrachloride	7.823	117	168849	19.866	ug/l	100
39) Methylcyclohexane	9.109	83	179404	19.658	ug/l	96
40) Benzene	8.085	78	452196	20.371	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023732.D
 Acq On : 11 Nov 2025 11:53
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 03:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	31004m	20.644	ug/l	
42) 1,2-Dichloroethane	8.158	62	115908	20.246	ug/l	100
43) Isopropyl Acetate	8.201	43	106329	19.203	ug/l	98
44) Trichloroethene	8.871	130	125692	19.346	ug/l	97
45) 1,2-Dichloropropane	9.146	63	101152	20.630	ug/l	99
46) Dibromomethane	9.231	93	61024	19.683	ug/l	97
47) Bromodichloromethane	9.426	83	156454	20.037	ug/l	100
48) Methyl methacrylate	9.225	41	49765	19.130	ug/l	98
49) 1,4-Dioxane	9.237	88	12131	337.477	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	283377	99.052	ug/l	98
52) Toluene	10.170	92	289669	20.098	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	133466	19.658	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	160934	20.084	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	81811	19.623	ug/l	96
56) Ethyl methacrylate	10.438	69	92131	19.157	ug/l	99
57) 1,3-Dichloropropane	10.719	76	130526	19.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	201952	93.740	ug/l	98
59) 2-Hexanone	10.761	43	212619	103.994	ug/l	98
60) Dibromochloromethane	10.914	129	111927	19.148	ug/l	99
61) 1,2-Dibromoethane	11.017	107	75778	19.058	ug/l	99
64) Tetrachloroethene	10.652	164	148307	19.250	ug/l	98
65) Chlorobenzene	11.444	112	320200	19.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	112422	19.440	ug/l	100
67) Ethyl Benzene	11.517	91	523191	19.917	ug/l	99
68) m/p-Xylenes	11.627	106	411798	39.083	ug/l	95
69) o-Xylene	11.956	106	193071	19.536	ug/l	97
70) Styrene	11.969	104	316366	19.466	ug/l	98
71) Bromoform	12.133	173	66246	18.467	ug/l #	100
73) Isopropylbenzene	12.255	105	502081	20.916	ug/l	98
74) N-amyl acetate	12.072	43	85116	19.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	82289	20.959	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	63476m	19.752	ug/l	
77) Bromobenzene	12.529	156	127702	20.011	ug/l	95
78) n-propylbenzene	12.596	91	589724	21.230	ug/l	98
79) 2-Chlorotoluene	12.682	91	346705	21.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	406568	20.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25574	19.514	ug/l	92
82) 4-Chlorotoluene	12.779	91	356039	21.252	ug/l	99
83) tert-Butylbenzene	12.999	119	362869	20.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	402954	20.815	ug/l	99
85) sec-Butylbenzene	13.176	105	521774	20.309	ug/l	99
86) p-Isopropyltoluene	13.291	119	439192	20.078	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	245716	19.773	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	241834	19.704	ug/l	98
89) n-Butylbenzene	13.615	91	376531	19.755	ug/l	98
90) Hexachloroethane	13.883	117	91712	19.493	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	211805	19.440	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12104	18.789	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	118415	17.434	ug/l	99
94) Hexachlorobutadiene	15.023	225	73376	17.330	ug/l	98
95) Naphthalene	15.145	128	175633	16.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97955	16.650	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
Data File : VY023732.D
Acq On : 11 Nov 2025 11:53
Operator : SY/MD
Sample : VY1111SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 03:33:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

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

