

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023546.D
 Acq On : 22 Oct 2025 10:51
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 02:27:18 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	542616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	794200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	691787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	364513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	204806	45.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.280%		
35) Dibromofluoromethane	7.634	113	240748	49.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.660%		
50) Toluene-d8	10.109	98	883426	48.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.402	95	292410	48.735	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75983	19.455	ug/l	97
3) Chloromethane	2.074	50	92933	17.467	ug/l	99
4) Vinyl Chloride	2.208	62	126494	18.253	ug/l	98
5) Bromomethane	2.592	94	110374	18.979	ug/l	100
6) Chloroethane	2.739	64	89057	18.853	ug/l	97
7) Trichlorofluoromethane	3.056	101	187963	19.534	ug/l	100
8) Diethyl Ether	3.458	74	48922	19.457	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	101676	20.363	ug/l	99
10) Methyl Iodide	4.007	142	118807	21.373	ug/l	98
11) Tert butyl alcohol	4.860	59	31636	93.720	ug/l	94
12) 1,1-Dichloroethene	3.793	96	96256	19.887	ug/l	92
13) Acrolein	3.653	56	23721	49.732	ug/l	96
14) Allyl chloride	4.391	41	107766	18.269	ug/l	96
15) Acrylonitrile	5.067	53	88820	92.308	ug/l	99
16) Acetone	3.866	43	128229	118.706	ug/l	100
17) Carbon Disulfide	4.110	76	260315	18.791	ug/l	99
18) Methyl Acetate	4.385	43	45233	15.963	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	224408	19.290	ug/l	95
20) Methylene Chloride	4.616	84	105150	18.001	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	106942	20.068	ug/l	98
22) Diisopropyl ether	6.019	45	250099	19.167	ug/l	93
23) Vinyl Acetate	5.964	43	664719	94.117	ug/l	98
24) 1,1-Dichloroethane	5.921	63	171993	19.899	ug/l	97
25) 2-Butanone	6.896	43	138738	105.202	ug/l	100
26) 2,2-Dichloropropane	6.884	77	161087	20.311	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	127379	20.693	ug/l	95
28) Bromochloromethane	7.250	49	62387	19.335	ug/l	93
29) Tetrahydrofuran	7.268	42	63173	84.474	ug/l	93
30) Chloroform	7.427	83	195371	20.573	ug/l	99
31) Cyclohexane	7.707	56	139704	18.508	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	178412	20.674	ug/l	98
36) 1,1-Dichloropropene	7.841	75	132638	20.530	ug/l	100
37) Ethyl Acetate	6.988	43	48392	18.907	ug/l	98
38) Carbon Tetrachloride	7.823	117	160505	20.489	ug/l	95
39) Methylcyclohexane	9.109	83	168002	19.972	ug/l	99
40) Benzene	8.085	78	423056	20.677	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023546.D
 Acq On : 22 Oct 2025 10:51
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 02:27:18 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	7.220	41	23527	16.996	ug/l	88
42) 1,2-Dichloroethane	8.158	62	102298	19.387	ug/l	97
43) Isopropyl Acetate	8.201	43	92102	18.046	ug/l	98
44) Trichloroethene	8.866	130	126688	21.155	ug/l	98
45) 1,2-Dichloropropane	9.140	63	91803	20.314	ug/l	100
46) Dibromomethane	9.231	93	56943	19.927	ug/l	97
47) Bromodichloromethane	9.426	83	149048	20.710	ug/l	98
48) Methyl methacrylate	9.225	41	41870	17.463	ug/l	93
49) 1,4-Dioxane	9.231	88	12343	372.543	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	240905	91.359	ug/l	98
52) Toluene	10.170	92	281449	21.186	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	125699	20.087	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	150591	20.389	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	81403	21.184	ug/l	97
56) Ethyl methacrylate	10.438	69	84192	18.994	ug/l	95
57) 1,3-Dichloropropane	10.719	76	123408	20.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	194748	98.074	ug/l	99
59) 2-Hexanone	10.762	43	193121	102.481	ug/l	97
60) Dibromochloromethane	10.908	129	111638	20.721	ug/l	100
61) 1,2-Dibromoethane	11.018	107	75216	20.524	ug/l	99
64) Tetrachloroethene	10.646	164	159402	22.316	ug/l	99
65) Chlorobenzene	11.444	112	315885	20.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	113849	21.234	ug/l	99
67) Ethyl Benzene	11.518	91	506760	20.807	ug/l	99
68) m/p-Xylenes	11.627	106	412583	42.235	ug/l	100
69) o-Xylene	11.957	106	193428	21.110	ug/l	98
70) Styrene	11.969	104	319023	21.173	ug/l	99
71) Bromoform	12.133	173	67370	20.257	ug/l	100
73) Isopropylbenzene	12.255	105	500033	20.816	ug/l	99
74) N-amyl acetate	12.072	43	76114	17.641	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75476	19.210	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	68415m	21.273	ug/l	
77) Bromobenzene	12.530	156	135048	21.147	ug/l	95
78) n-propylbenzene	12.597	91	582648	20.960	ug/l	99
79) 2-Chlorotoluene	12.676	91	337780	20.750	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	412957	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25722	19.613	ug/l	97
82) 4-Chlorotoluene	12.773	91	343300	20.477	ug/l	98
83) tert-Butylbenzene	12.999	119	374031	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	406596	20.988	ug/l	99
85) sec-Butylbenzene	13.176	105	550279	21.403	ug/l	100
86) p-Isopropyltoluene	13.292	119	467814	21.371	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	258722	20.804	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	254047	20.684	ug/l	99
89) n-Butylbenzene	13.615	91	392922	20.600	ug/l	99
90) Hexachloroethane	13.877	117	95771	20.342	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	227404	20.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12234	18.977	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	137068	20.166	ug/l	98
94) Hexachlorobutadiene	15.023	225	86848	20.497	ug/l	97
95) Naphthalene	15.145	128	204628	18.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	114859	19.509	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023546.D
Acq On : 22 Oct 2025 10:51
Operator : SY/MD
Sample : VY1022SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 02:27:18 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

