

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022906.D
 Acq On : 02 Jul 2025 12:35
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:19:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	405936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	690466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	580305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	268831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221367	48.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.720%		
35) Dibromofluoromethane	7.634	113	207980	49.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.060%		
50) Toluene-d8	10.109	98	819831	49.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.401	95	252675	47.172	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73151	21.074	ug/l	97
3) Chloromethane	2.068	50	135977	20.515	ug/l	99
4) Vinyl Chloride	2.202	62	161726	19.530	ug/l	98
5) Bromomethane	2.592	94	138775	21.317	ug/l	95
6) Chloroethane	2.732	64	113851	20.453	ug/l	99
7) Trichlorofluoromethane	3.055	101	176768	19.278	ug/l	100
8) Diethyl Ether	3.458	74	49602	21.902	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	89122	21.268	ug/l	98
10) Methyl Iodide	4.007	142	92443	20.262	ug/l	100
11) Tert butyl alcohol	4.866	59	26846	89.113	ug/l	95
12) 1,1-Dichloroethene	3.793	96	87794	21.367	ug/l	97
13) Acrolein	3.659	56	32357	79.208	ug/l	100
14) Allyl chloride	4.385	41	140526	22.235	ug/l	93
15) Acrylonitrile	5.061	53	96461	102.086	ug/l	99
16) Acetone	3.872	43	103281	120.609	ug/l	96
17) Carbon Disulfide	4.104	76	279045	21.022	ug/l	100
18) Methyl Acetate	4.391	43	54209	19.115	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	227162	20.304	ug/l	98
20) Methylene Chloride	4.622	84	130254	24.086	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	99934	21.281	ug/l	95
22) Diisopropyl ether	6.018	45	309565	22.056	ug/l	97
23) Vinyl Acetate	5.963	43	820152	105.805	ug/l	99
24) 1,1-Dichloroethane	5.921	63	186471	21.995	ug/l	99
25) 2-Butanone	6.896	43	133750	107.316	ug/l	100
26) 2,2-Dichloropropane	6.890	77	154620	21.758	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	112463	20.610	ug/l	96
28) Bromochloromethane	7.250	49	76412	21.439	ug/l	96
29) Tetrahydrofuran	7.262	42	78189	99.353	ug/l	99
30) Chloroform	7.427	83	185877	21.288	ug/l	95
31) Cyclohexane	7.707	56	170338	21.889	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	163060	21.610	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136939	21.515	ug/l	100
37) Ethyl Acetate	6.988	43	57194	20.824	ug/l	98
38) Carbon Tetrachloride	7.817	117	140172	20.872	ug/l	94
39) Methylcyclohexane	9.109	83	169582	20.589	ug/l	95
40) Benzene	8.079	78	415693	21.243	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022906.D
 Acq On : 02 Jul 2025 12:35
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:19:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	30954	18.307	ug/l	97
42) 1,2-Dichloroethane	8.158	62	111414	20.777	ug/l	99
43) Isopropyl Acetate	8.201	43	112874	19.774	ug/l	98
44) Trichloroethene	8.865	130	101178	20.593	ug/l	99
45) 1,2-Dichloropropane	9.140	63	98764	21.564	ug/l	99
46) Dibromomethane	9.231	93	52919	20.354	ug/l	98
47) Bromodichloromethane	9.426	83	137842	20.560	ug/l	99
48) Methyl methacrylate	9.225	41	53712	19.573	ug/l	94
49) 1,4-Dioxane	9.231	88	11478	373.670	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	281739	97.125	ug/l	98
52) Toluene	10.170	92	256912	20.810	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	121336	20.115	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	146389	20.930	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	67153	19.947	ug/l	96
56) Ethyl methacrylate	10.438	69	84745	18.710	ug/l	97
57) 1,3-Dichloropropane	10.719	76	119194	20.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	217887	101.450	ug/l	99
59) 2-Hexanone	10.761	43	195087	98.919	ug/l	100
60) Dibromochloromethane	10.908	129	87594	20.143	ug/l	99
61) 1,2-Dibromoethane	11.011	107	60347	19.155	ug/l	98
64) Tetrachloroethene	10.646	164	111034	20.254	ug/l	97
65) Chlorobenzene	11.438	112	270018	21.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	88025	20.382	ug/l	97
67) Ethyl Benzene	11.517	91	473565	21.138	ug/l	98
68) m/p-Xylenes	11.627	106	362398	41.845	ug/l	99
69) o-Xylene	11.950	106	170530	20.897	ug/l	98
70) Styrene	11.969	104	279943	20.480	ug/l	99
71) Bromoform	12.127	173	46324	19.263	ug/l #	99
73) Isopropylbenzene	12.255	105	440003	22.131	ug/l	99
74) N-amyl acetate	12.072	43	92703	20.773	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	68527	21.386	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	50650m	18.455	ug/l	
77) Bromobenzene	12.529	156	96183	21.343	ug/l	99
78) n-propylbenzene	12.590	91	538120	22.418	ug/l	99
79) 2-Chlorotoluene	12.676	91	298394	22.002	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	348288	21.700	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22080	20.325	ug/l	98
82) 4-Chlorotoluene	12.773	91	307205	21.565	ug/l	100
83) tert-Butylbenzene	12.993	119	316084	22.331	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	349907	21.775	ug/l	99
85) sec-Butylbenzene	13.176	105	469888	22.064	ug/l	99
86) p-Isopropyltoluene	13.291	119	381373	21.519	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	193122	21.338	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	188973	21.019	ug/l	98
89) n-Butylbenzene	13.615	91	362836	21.765	ug/l	99
90) Hexachloroethane	13.877	117	77772	22.033	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	166574	20.884	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10463	19.255	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	88791	19.717	ug/l	99
94) Hexachlorobutadiene	15.023	225	53880	21.158	ug/l	97
95) Naphthalene	15.139	128	151610	18.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	74875	19.241	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022906.D
Acq On : 02 Jul 2025 12:35
Operator : SY/MD
Sample : VY0702SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:19:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

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

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

