

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023396.D
 Acq On : 08 Oct 2025 10:21
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 03:08:23 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	7.707	168	568170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	832948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	729928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	379883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230014	48.413	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.820%		
35) Dibromofluoromethane	7.634	113	250512	48.947	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.900%		
50) Toluene-d8	10.103	98	944698	49.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.120%		
62) 4-Bromofluorobenzene	12.402	95	302923	48.139	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88809	21.716	ug/l	98
3) Chloromethane	2.068	50	120859	21.694	ug/l	99
4) Vinyl Chloride	2.202	62	155475	21.426	ug/l	98
5) Bromomethane	2.592	94	132477	21.755	ug/l	99
6) Chloroethane	2.733	64	109223	22.082	ug/l	97
7) Trichlorofluoromethane	3.050	101	213114	21.152	ug/l	99
8) Diethyl Ether	3.452	74	55794	21.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	107683	20.596	ug/l	97
10) Methyl Iodide	4.007	142	118169	20.303	ug/l	99
11) Tert butyl alcohol	4.860	59	47771	135.154	ug/l	95
12) 1,1-Dichloroethene	3.787	96	106212	20.957	ug/l	95
13) Acrolein	3.653	56	47034	94.173	ug/l	99
14) Allyl chloride	4.385	41	125840	20.373	ug/l	98
15) Acrylonitrile	5.061	53	102875	102.106	ug/l	100
16) Acetone	3.866	43	145978	129.059	ug/l	98
17) Carbon Disulfide	4.104	76	302846	20.878	ug/l	100
18) Methyl Acetate	4.385	43	54322	18.308	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	253795	20.835	ug/l	100
20) Methylene Chloride	4.616	84	120566	19.712	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116325	20.847	ug/l	95
22) Diisopropyl ether	6.019	45	287776	21.063	ug/l	96
23) Vinyl Acetate	5.958	43	793378	107.281	ug/l	99
24) 1,1-Dichloroethane	5.915	63	189963	20.990	ug/l	99
25) 2-Butanone	6.896	43	163145	118.145	ug/l	98
26) 2,2-Dichloropropane	6.884	77	178811	21.532	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136755	21.217	ug/l	97
28) Bromochloromethane	7.244	49	70861	20.973	ug/l	100
29) Tetrahydrofuran	7.262	42	77733	99.269	ug/l	99
30) Chloroform	7.421	83	207727	20.891	ug/l	98
31) Cyclohexane	7.701	56	160896	20.357	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	189309	20.950	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143855	21.231	ug/l	98
37) Ethyl Acetate	6.982	43	57311	21.350	ug/l	99
38) Carbon Tetrachloride	7.817	117	174840	21.280	ug/l	97
39) Methylcyclohexane	9.109	83	183285	20.775	ug/l	95
40) Benzene	8.079	78	452659	21.095	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023396.D
 Acq On : 08 Oct 2025 10:21
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 03:08:23 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	7.213	41	27387	18.864	ug/l	90
42) 1,2-Dichloroethane	8.158	62	116197	20.996	ug/l	100
43) Isopropyl Acetate	8.201	43	109588	20.473	ug/l	99
44) Trichloroethene	8.866	130	131994	21.016	ug/l	96
45) 1,2-Dichloropropane	9.140	63	100590	21.223	ug/l	99
46) Dibromomethane	9.231	93	62961	21.008	ug/l	99
47) Bromodichloromethane	9.420	83	158836	21.043	ug/l	100
48) Methyl methacrylate	9.219	41	50875	20.231	ug/l	97
49) 1,4-Dioxane	9.231	88	14018	403.417	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	288902	104.464	ug/l	98
52) Toluene	10.170	92	297073	21.322	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	138234	21.062	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	164147	21.191	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	85381	21.185	ug/l	98
56) Ethyl methacrylate	10.438	69	94598	20.348	ug/l	100
57) 1,3-Dichloropropane	10.719	76	136304	21.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	208203	99.973	ug/l	99
59) 2-Hexanone	10.762	43	226171	114.436	ug/l	100
60) Dibromochloromethane	10.908	129	118167	20.913	ug/l	100
61) 1,2-Dibromoethane	11.012	107	81476	21.198	ug/l	99
64) Tetrachloroethene	10.646	164	155413	20.621	ug/l	96
65) Chlorobenzene	11.438	112	335284	21.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	119551	21.132	ug/l	99
67) Ethyl Benzene	11.518	91	536350	20.871	ug/l	99
68) m/p-Xylenes	11.627	106	438853	42.577	ug/l	100
69) o-Xylene	11.950	106	203537	21.053	ug/l	99
70) Styrene	11.969	104	335866	21.126	ug/l	99
71) Bromoform	12.133	173	74653	21.273	ug/l #	97
73) Isopropylbenzene	12.249	105	531995	21.250	ug/l	99
74) N-amyl acetate	12.066	43	94430	21.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86963	21.238	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	60612m	18.085	ug/l	
77) Bromobenzene	12.530	156	138594	20.824	ug/l	99
78) n-propylbenzene	12.591	91	618353	21.344	ug/l	100
79) 2-Chlorotoluene	12.676	91	358410	21.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	433210	21.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27969	20.464	ug/l	98
82) 4-Chlorotoluene	12.773	91	367226	21.018	ug/l	100
83) tert-Butylbenzene	12.993	119	385007	20.612	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	434268	21.510	ug/l	100
85) sec-Butylbenzene	13.170	105	576021	21.498	ug/l	100
86) p-Isopropyltoluene	13.292	119	481689	21.115	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	270349	20.860	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	269667	21.067	ug/l	99
89) n-Butylbenzene	13.615	91	419280	21.093	ug/l	99
90) Hexachloroethane	13.877	117	103078	21.008	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	241322	21.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	14291	21.271	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	145976	20.607	ug/l	100
94) Hexachlorobutadiene	15.017	225	92623	20.976	ug/l	98
95) Naphthalene	15.139	128	222867	19.758	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	124132	20.231	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023396.D
Acq On : 08 Oct 2025 10:21
Operator : SY/MD
Sample : VY1008SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 03:08:23 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

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

[illegible]