

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023818.D
 Acq On : 26 Nov 2025 11:47
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Quant Time: Nov 27 01:18:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/02/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	585172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	926752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	802455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	408679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286768	50.322	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.634	113	268860	48.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.940%			
50) Toluene-d8	10.109	98	1099449	50.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.402	95	350356	48.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	96229	21.820	ug/l	98
3) Chloromethane	2.074	50	143685	21.297	ug/l	98
4) Vinyl Chloride	2.208	62	153442	21.024	ug/l	98
5) Bromomethane	2.592	94	112475	21.846	ug/l	96
6) Chloroethane	2.739	64	101592	21.359	ug/l	96
7) Trichlorofluoromethane	3.062	101	208661	21.147	ug/l	98
8) Diethyl Ether	3.452	74	66090	21.266	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	123941	21.522	ug/l	99
10) Methyl Iodide	4.007	142	114229	18.101	ug/l	100
11) Tert butyl alcohol	4.866	59	47676	101.865	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	118664	20.945	ug/l	99
13) Acrolein	3.653	56	70817	105.254	ug/l	96
14) Allyl chloride	4.385	41	187027	20.838	ug/l	98
15) Acrylonitrile	5.061	53	139726	104.171	ug/l	99
16) Acetone	3.873	43	182943	111.423	ug/l	98
17) Carbon Disulfide	4.110	76	389212	21.287	ug/l	97
18) Methyl Acetate	4.385	43	65457	20.644	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	302815	20.915	ug/l	95
20) Methylene Chloride	4.616	84	147436	21.240	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	133936	21.351	ug/l	96
22) Diisopropyl ether	6.019	45	417664	21.521	ug/l	98
23) Vinyl Acetate	5.964	43	1168163	108.242	ug/l	99
24) 1,1-Dichloroethane	5.915	63	240875	21.098	ug/l	97
25) 2-Butanone	6.896	43	220596	110.093	ug/l	99
26) 2,2-Dichloropropane	6.884	77	207993	20.553	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	150845	20.708	ug/l	99
28) Bromochloromethane	7.244	49	95982	20.211	ug/l	99
29) Tetrahydrofuran	7.262	42	115704	103.531	ug/l	99
30) Chloroform	7.421	83	236679	20.616	ug/l	97
31) Cyclohexane	7.701	56	225974	20.626	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	211057	20.712	ug/l	100
36) 1,1-Dichloropropene	7.835	75	177511	21.088	ug/l	99
37) Ethyl Acetate	6.988	43	85742	21.656	ug/l	99
38) Carbon Tetrachloride	7.817	117	192375	20.821	ug/l	97
39) Methylcyclohexane	9.109	83	234896	21.130	ug/l	98
40) Benzene	8.079	78	538729	20.797	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023818.D
 Acq On : 26 Nov 2025 11:47
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Quant Time: Nov 27 01:18:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	44015	22.267	ug/l	94
42) 1,2-Dichloroethane	8.158	62	142882	21.396	ug/l	100
43) Isopropyl Acetate	8.201	43	155497	21.016	ug/l #	88
44) Trichloroethene	8.866	130	140705	21.171	ug/l	99
45) 1,2-Dichloropropane	9.140	63	127828	20.930	ug/l	99
46) Dibromomethane	9.231	93	70530	21.282	ug/l	99
47) Bromodichloromethane	9.420	83	180982	20.896	ug/l	92
48) Methyl methacrylate	9.219	41	75795	21.757	ug/l	98
49) 1,4-Dioxane	9.231	88	15349	413.261	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	422979	108.593	ug/l	99
52) Toluene	10.170	92	335586	20.898	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	165346	20.841	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	196985	20.742	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	93593	21.083	ug/l	99
56) Ethyl methacrylate	10.438	69	119361	20.477	ug/l	100
57) 1,3-Dichloropropane	10.719	76	162351	20.964	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	270690	96.666	ug/l	100
59) 2-Hexanone	10.762	43	324760	112.751	ug/l	98
60) Dibromochloromethane	10.908	129	122758	20.607	ug/l	100
61) 1,2-Dibromoethane	11.018	107	85278	20.695	ug/l	100
64) Tetrachloroethene	10.646	164	165668	21.763	ug/l	99
65) Chlorobenzene	11.444	112	365933	20.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	124906	20.874	ug/l	99
67) Ethyl Benzene	11.518	91	626337	20.818	ug/l	99
68) m/p-Xylenes	11.627	106	481476	41.529	ug/l	98
69) o-Xylene	11.950	106	224609	20.665	ug/l	97
70) Styrene	11.969	104	374368	20.909	ug/l	99
71) Bromoform	12.133	173	71858	20.587	ug/l #	99
73) Isopropylbenzene	12.255	105	592840	20.439	ug/l	100
74) N-amyl acetate	12.072	43	133201	20.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	96851	20.282	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	76498m	21.525	ug/l	
77) Bromobenzene	12.530	156	136183	19.962	ug/l	97
78) n-propylbenzene	12.597	91	722871	20.700	ug/l	99
79) 2-Chlorotoluene	12.676	91	410015	20.401	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	489169	20.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	33501	19.925	ug/l	95
82) 4-Chlorotoluene	12.773	91	425890	20.633	ug/l	100
83) tert-Butylbenzene	12.993	119	435699	20.483	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	482604	20.394	ug/l	99
85) sec-Butylbenzene	13.176	105	652294	20.774	ug/l	99
86) p-Isopropyltoluene	13.292	119	544469	20.746	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	278419	20.363	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	276408	20.253	ug/l	99
89) n-Butylbenzene	13.615	91	494601	20.553	ug/l	99
90) Hexachloroethane	13.877	117	113647	20.610	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	242671	20.296	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16301	20.394	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	142189	19.945	ug/l	99
94) Hexachlorobutadiene	15.023	225	88690	19.977	ug/l	99
95) Naphthalene	15.145	128	236100	19.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	124796	20.554	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023818.D
Acq On : 26 Nov 2025 11:47
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

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

