

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023875.D
 Acq On : 03 Dec 2025 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120325

Quant Time: Dec 04 03:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	525432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	815823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	716411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	374036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	284293	54.087	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.180%			
35) Dibromofluoromethane	7.640	113	272599	52.098	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.200%			
50) Toluene-d8	10.109	98	1061386	52.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.408	95	358862	51.673	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	172420	43.384	ug/l	99
3) Chloromethane	2.074	50	255695	45.103	ug/l	98
4) Vinyl Chloride	2.208	62	294758	45.581	ug/l	100
5) Bromomethane	2.605	94	203758	43.639	ug/l	100
6) Chloroethane	2.739	64	196076	44.722	ug/l	99
7) Trichlorofluoromethane	3.062	101	393900	43.564	ug/l	98
8) Diethyl Ether	3.458	74	122668	45.284	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	231904	42.807	ug/l	99
10) Methyl Iodide	4.013	142	253181	42.530	ug/l	99
11) Tert butyl alcohol	4.866	59	82924	217.802	ug/l	99
12) 1,1-Dichloroethene	3.799	96	226119	44.672	ug/l	95
13) Acrolein	3.665	56	70757	215.627	ug/l	95
14) Allyl chloride	4.391	41	357890	44.223	ug/l	99
15) Acrylonitrile	5.061	53	271047	229.900	ug/l	99
16) Acetone	3.873	43	311512	197.780	ug/l	97
17) Carbon Disulfide	4.110	76	715284	47.827	ug/l	99
18) Methyl Acetate	4.391	43	121832	45.603	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	591365	46.509	ug/l	99
20) Methylene Chloride	4.622	84	253881	44.547	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	253362	45.367	ug/l	97
22) Diisopropyl ether	6.025	45	810330	45.476	ug/l	99
23) Vinyl Acetate	5.964	43	2287391	231.578	ug/l	100
24) 1,1-Dichloroethane	5.921	63	454058	44.102	ug/l	100
25) 2-Butanone	6.896	43	393774	207.389	ug/l	97
26) 2,2-Dichloropropane	6.890	77	384170	40.712	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	290998	44.873	ug/l	99
28) Bromochloromethane	7.244	49	155306	39.479	ug/l	99
29) Tetrahydrofuran	7.268	42	226178	230.334	ug/l	98
30) Chloroform	7.427	83	454978	43.732	ug/l	99
31) Cyclohexane	7.707	56	430423	43.725	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	403881	43.005	ug/l	99
36) 1,1-Dichloropropene	7.841	75	332884	43.145	ug/l	98
37) Ethyl Acetate	6.988	43	159852	44.867	ug/l	98
38) Carbon Tetrachloride	7.823	117	368091	43.227	ug/l	100
39) Methylcyclohexane	9.109	83	455698	45.375	ug/l	98
40) Benzene	8.085	78	1030982	44.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023875.D
 Acq On : 03 Dec 2025 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120325

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	85343	46.469	ug/l #	98
42) 1,2-Dichloroethane	8.158	62	271887	44.677	ug/l	100
43) Isopropyl Acetate	8.201	43	304281	45.647	ug/l	100
44) Trichloroethene	8.866	130	265697	44.278	ug/l	98
45) 1,2-Dichloropropane	9.140	63	245377	44.438	ug/l	98
46) Dibromomethane	9.231	93	133629	44.700	ug/l	99
47) Bromodichloromethane	9.427	83	349959	44.372	ug/l	100
48) Methyl methacrylate	9.219	41	150676	48.384	ug/l	99
49) 1,4-Dioxane	9.231	88	30643	921.870	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	820163	233.985	ug/l	99
52) Toluene	10.170	92	653929	44.777	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	320706	45.053	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	378372	45.139	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	179439	44.466	ug/l	98
56) Ethyl methacrylate	10.439	69	244243	42.167	ug/l	99
57) 1,3-Dichloropropane	10.719	76	311117	44.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	589345	231.228	ug/l	100
59) 2-Hexanone	10.762	43	590302	223.293	ug/l	99
60) Dibromochloromethane	10.914	129	240435	44.434	ug/l	99
61) 1,2-Dibromoethane	11.012	107	167480	45.540	ug/l	99
64) Tetrachloroethene	10.646	164	311504	44.432	ug/l	98
65) Chlorobenzene	11.438	112	708694	43.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	242456	43.458	ug/l	100
67) Ethyl Benzene	11.518	91	1239666	43.853	ug/l	99
68) m/p-Xylenes	11.627	106	967023	89.498	ug/l	100
69) o-Xylene	11.957	106	452982	44.823	ug/l	100
70) Styrene	11.969	104	746248	44.794	ug/l	100
71) Bromoform	12.133	173	142561	45.224	ug/l #	100
73) Isopropylbenzene	12.255	105	1198749	43.500	ug/l	100
74) N-amyl acetate	12.072	43	273449	45.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	193466	43.512	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	150230m	40.514	ug/l	
77) Bromobenzene	12.530	156	277903	43.421	ug/l	99
78) n-propylbenzene	12.597	91	1448054	43.546	ug/l	100
79) 2-Chlorotoluene	12.676	91	817600	43.292	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	985833	44.027	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	67032	43.297	ug/l	97
82) 4-Chlorotoluene	12.780	91	843002	43.055	ug/l	99
83) tert-Butylbenzene	12.999	119	873835	43.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	980784	44.214	ug/l	100
85) sec-Butylbenzene	13.176	105	1303200	43.398	ug/l	100
86) p-Isopropyltoluene	13.292	119	1090001	43.840	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	549105	42.585	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	539055	42.629	ug/l	99
89) n-Butylbenzene	13.615	91	1004089	43.633	ug/l	100
90) Hexachloroethane	13.877	117	217499	41.699	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	480812	42.872	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31322	44.803	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	284271	42.752	ug/l	99
94) Hexachlorobutadiene	15.023	225	178430	42.771	ug/l	98
95) Naphthalene	15.145	128	496251	45.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	243867	42.978	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
Data File : VY023875.D
Acq On : 03 Dec 2025 17:08
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120325

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:54:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023875.D
 Acq On : 03 Dec 2025 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120325

Quant Time: Dec 04 03:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

