

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023057.D
 Acq On : 12 Aug 2025 17:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081225

Quant Time: Aug 13 02:14:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	528657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	849851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	756555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	376990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	252116	50.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.628	113	255171	50.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.360%			
50) Toluene-d8	10.103	98	979510	49.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.402	95	329022	51.500	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	179421	41.579	ug/l	99
3) Chloromethane	2.068	50	340600	48.732	ug/l	100
4) Vinyl Chloride	2.202	62	416413	48.198	ug/l	99
5) Bromomethane	2.592	94	303147	46.983	ug/l	98
6) Chloroethane	2.733	64	281008	48.923	ug/l	99
7) Trichlorofluoromethane	3.050	101	493782	47.003	ug/l	100
8) Diethyl Ether	3.452	74	132818	47.787	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	247351	47.725	ug/l	99
10) Methyl Iodide	4.001	142	287126	51.340	ug/l	99
11) Tert butyl alcohol	4.860	59	84906	245.940	ug/l	98
12) 1,1-Dichloroethene	3.787	96	242931	47.686	ug/l	95
13) Acrolein	3.647	56	112246	222.008	ug/l	98
14) Allyl chloride	4.379	41	354691	47.317	ug/l	99
15) Acrylonitrile	5.055	53	274329	242.779	ug/l	99
16) Acetone	3.867	43	229985	210.695	ug/l	96
17) Carbon Disulfide	4.104	76	779852	46.948	ug/l	99
18) Methyl Acetate	4.385	43	168821	51.972	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	658713	49.899	ug/l	100
20) Methylene Chloride	4.610	84	283386	49.960	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	279182	48.765	ug/l	98
22) Diisopropyl ether	6.019	45	814622	50.011	ug/l	97
23) Vinyl Acetate	5.958	43	2182924	242.360	ug/l	100
24) 1,1-Dichloroethane	5.915	63	483509	48.551	ug/l	100
25) 2-Butanone	6.890	43	341490	230.028	ug/l	99
26) 2,2-Dichloropropane	6.884	77	390777	45.475	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	322451	48.720	ug/l	99
28) Bromochloromethane	7.238	49	198640	50.275	ug/l	100
29) Tetrahydrofuran	7.262	42	227680	247.420	ug/l	100
30) Chloroform	7.421	83	497627	48.450	ug/l	97
31) Cyclohexane	7.695	56	436638	46.526	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	445943	48.933	ug/l	100
36) 1,1-Dichloropropene	7.829	75	364210	48.193	ug/l	99
37) Ethyl Acetate	6.982	43	157530	49.621	ug/l	99
38) Carbon Tetrachloride	7.817	117	394245	48.030	ug/l	99
39) Methylcyclohexane	9.103	83	493867	49.625	ug/l	98
40) Benzene	8.073	78	1128023	48.428	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023057.D
 Acq On : 12 Aug 2025 17:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081225

Quant Time: Aug 13 02:14:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	88437	48.269	ug/l	99
42) 1,2-Dichloroethane	8.152	62	291766	48.162	ug/l	100
43) Isopropyl Acetate	8.195	43	315013	49.094	ug/l	98
44) Trichloroethene	8.860	130	287745	47.803	ug/l	95
45) 1,2-Dichloropropane	9.140	63	262408	48.961	ug/l	98
46) Dibromomethane	9.225	93	149745	48.679	ug/l	99
47) Bromodichloromethane	9.420	83	391522	49.463	ug/l	98
48) Methyl methacrylate	9.219	41	155118	50.520	ug/l	99
49) 1,4-Dioxane	9.225	88	35050	971.749	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	823949	248.943	ug/l	99
52) Toluene	10.164	92	724356	48.963	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	356228	49.699	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	415017	48.965	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	201146	48.867	ug/l	98
56) Ethyl methacrylate	10.432	69	267458	50.779	ug/l	99
57) 1,3-Dichloropropane	10.713	76	343649	49.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	678865	273.240	ug/l	100
59) 2-Hexanone	10.756	43	551743	244.812	ug/l	99
60) Dibromochloromethane	10.908	129	270536	49.810	ug/l	99
61) 1,2-Dibromoethane	11.012	107	190334	49.197	ug/l	100
64) Tetrachloroethene	10.640	164	307456	45.512	ug/l	98
65) Chlorobenzene	11.438	112	787799	48.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	270360	48.815	ug/l	99
67) Ethyl Benzene	11.512	91	1380648	49.163	ug/l	100
68) m/p-Xylenes	11.621	106	1080541	98.515	ug/l	99
69) o-Xylene	11.950	106	509991	49.645	ug/l	99
70) Styrene	11.963	104	852310	50.733	ug/l	99
71) Bromoform	12.127	173	157073	48.525	ug/l #	98
73) Isopropylbenzene	12.249	105	1327070	49.876	ug/l	100
74) N-amyl acetate	12.066	43	285118	50.529	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	224206	49.350	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	167859m	46.136	ug/l	
77) Bromobenzene	12.524	156	311065	49.004	ug/l	99
78) n-propylbenzene	12.591	91	1610911	50.853	ug/l	100
79) 2-Chlorotoluene	12.676	91	905657	49.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1094902	50.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	74263	49.409	ug/l	98
82) 4-Chlorotoluene	12.774	91	932114	49.505	ug/l	100
83) tert-Butylbenzene	12.993	119	979692	50.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	1092616	51.042	ug/l	100
85) sec-Butylbenzene	13.170	105	1459437	51.154	ug/l	100
86) p-Isopropyltoluene	13.286	119	1222900	51.639	ug/l	100
87) 1,3-Dichlorobenzene	13.280	146	621371	49.639	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	602429	48.514	ug/l	99
89) n-Butylbenzene	13.609	91	1122189	51.594	ug/l	100
90) Hexachloroethane	13.871	117	245386	50.617	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	540506	49.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35428	50.085	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	320472	49.363	ug/l	99
94) Hexachlorobutadiene	15.017	225	184430	48.344	ug/l	99
95) Naphthalene	15.139	128	571480	51.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	272638	48.735	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

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

