

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023082.D
 Acq On : 13 Aug 2025 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/19/2025

Quant Time: Aug 14 03:01:03 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)

Internal Standards						
1) Pentafluorobenzene	7.707	168	442938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	730611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	653170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	337955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217167	51.443	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.628	113	218038	49.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.740%			
50) Toluene-d8	10.103	98	848458	49.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.401	95	277110	50.453	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	141385	39.105	ug/l	97
3) Chloromethane	2.068	50	301762	51.531	ug/l	97
4) Vinyl Chloride	2.202	62	376058	51.951	ug/l	98
5) Bromomethane	2.592	94	302117	55.884	ug/l	99
6) Chloroethane	2.732	64	263860	54.827	ug/l	99
7) Trichlorofluoromethane	3.049	101	418963	47.599	ug/l	98
8) Diethyl Ether	3.458	74	110091	47.275	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	201980	46.513	ug/l	100
10) Methyl Iodide	4.000	142	222876	47.564	ug/l	98
11) Tert butyl alcohol	4.860	59	63163	218.366	ug/l	100
12) 1,1-Dichloroethene	3.787	96	201251	47.150	ug/l	96
13) Acrolein	3.653	56	74262	175.306	ug/l	96
14) Allyl chloride	4.378	41	299858	47.744	ug/l	99
15) Acrylonitrile	5.055	53	229299	242.199	ug/l	99
16) Acetone	3.872	43	181474	198.426	ug/l	95
17) Carbon Disulfide	4.104	76	659370	47.377	ug/l	98
18) Methyl Acetate	4.385	43	144547	53.111	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	540452	48.863	ug/l	98
20) Methylene Chloride	4.610	84	245813	51.824	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	239199	49.867	ug/l	98
22) Diisopropyl ether	6.018	45	695381	50.952	ug/l	98
23) Vinyl Acetate	5.957	43	1789905	237.183	ug/l	100
24) 1,1-Dichloroethane	5.909	63	424330	50.854	ug/l	100
25) 2-Butanone	6.890	43	279864	224.999	ug/l	99
26) 2,2-Dichloropropane	6.884	77	314878	43.733	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	280376	50.561	ug/l	98
28) Bromochloromethane	7.244	49	174333	52.662	ug/l	97
29) Tetrahydrofuran	7.256	42	183892	238.509	ug/l	98
30) Chloroform	7.421	83	441927	51.354	ug/l	98
31) Cyclohexane	7.701	56	356707	45.365	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	376634	49.325	ug/l	99
36) 1,1-Dichloropropene	7.835	75	308332	47.457	ug/l	99
37) Ethyl Acetate	6.982	43	121535	44.531	ug/l	100
38) Carbon Tetrachloride	7.817	117	333012	47.191	ug/l	98
39) Methylcyclohexane	9.103	83	397504	46.461	ug/l	99
40) Benzene	8.079	78	984401	49.159	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023082.D
 Acq On : 13 Aug 2025 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/19/2025

Quant Time: Aug 14 03:01:03 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)
41) Methacrylonitrile	7.219	41	78770m	50.010	ug/l	
42) 1,2-Dichloroethane	8.158	62	256723	49.294	ug/l	99
43) Isopropyl Acetate	8.195	43	254100	46.064	ug/l	98
44) Trichloroethene	8.859	130	247693	47.865	ug/l	98
45) 1,2-Dichloropropane	9.140	63	231080	50.153	ug/l	100
46) Dibromomethane	9.225	93	131895	49.874	ug/l	96
47) Bromodichloromethane	9.420	83	337254	49.561	ug/l	98
48) Methyl methacrylate	9.219	41	122447	46.388	ug/l	96
49) 1,4-Dioxane	9.225	88	29363	946.941	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	670681	235.707	ug/l	99
52) Toluene	10.164	92	634517	49.890	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	292128	47.408	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	348886	47.881	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	171270	48.399	ug/l	99
56) Ethyl methacrylate	10.438	69	218091	48.164	ug/l	98
57) 1,3-Dichloropropane	10.713	76	294300	49.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	563277	263.718	ug/l	100
59) 2-Hexanone	10.755	43	444743	229.542	ug/l	99
60) Dibromochloromethane	10.908	129	228588	48.956	ug/l	99
61) 1,2-Dibromoethane	11.011	107	162363	48.817	ug/l	98
64) Tetrachloroethene	10.646	164	288562	49.476	ug/l	99
65) Chlorobenzene	11.438	112	684648	48.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	232459	48.615	ug/l	99
67) Ethyl Benzene	11.517	91	1179134	48.633	ug/l	99
68) m/p-Xylenes	11.627	106	928592	98.062	ug/l	99
69) o-Xylene	11.950	106	437649	49.346	ug/l	98
70) Styrene	11.962	104	741269	51.107	ug/l	99
71) Bromoform	12.127	173	128021	45.809	ug/l #	97
73) Isopropylbenzene	12.249	105	1120808	46.989	ug/l	99
74) N-amyl acetate	12.066	43	227982	45.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	181898	44.662	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	147973m	45.368	ug/l	
77) Bromobenzene	12.523	156	261080	45.880	ug/l	98
78) n-propylbenzene	12.590	91	1351965	47.608	ug/l	100
79) 2-Chlorotoluene	12.676	91	768315	47.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	925355	48.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	55874	41.468	ug/l	99
82) 4-Chlorotoluene	12.773	91	801214	47.468	ug/l	100
83) tert-Butylbenzene	12.993	119	810256	46.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	927586	48.337	ug/l	100
85) sec-Butylbenzene	13.170	105	1204282	47.086	ug/l	100
86) p-Isopropyltoluene	13.285	119	1019726	48.033	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	527390	46.997	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	517037	46.447	ug/l	99
89) n-Butylbenzene	13.615	91	926009	47.492	ug/l	99
90) Hexachloroethane	13.877	117	207292	47.698	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	460225	46.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	28670	45.213	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	253171	43.501	ug/l	99
94) Hexachlorobutadiene	15.017	225	143600	41.989	ug/l	98
95) Naphthalene	15.139	128	459045	46.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	216348	43.140	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
Data File : VY023082.D
Acq On : 13 Aug 2025 20:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/19/2025

Quant Time: Aug 14 03:01:03 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023082.D
 Acq On : 13 Aug 2025 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 03:01:03 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 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/19/2025

