

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022927.D
 Acq On : 02 Jul 2025 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/03/2025
 Supervised By : Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	361292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	621445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	543354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	263643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	197391	48.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.900%		
35) Dibromofluoromethane	7.634	113	185419	49.061	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.120%		
50) Toluene-d8	10.103	98	740326	49.365	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.401	95	225167	46.705	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135877	43.981	ug/l	97
3) Chloromethane	2.068	50	334748	56.743	ug/l	99
4) Vinyl Chloride	2.202	62	383837	52.079	ug/l	100
5) Bromomethane	2.598	94	303836	52.438	ug/l	98
6) Chloroethane	2.732	64	273701	55.246	ug/l	93
7) Trichlorofluoromethane	3.056	101	385155	47.195	ug/l	100
8) Diethyl Ether	3.458	74	101675	50.443	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	182233	48.863	ug/l	98
10) Methyl Iodide	4.007	142	230716	56.819	ug/l	99
11) Tert butyl alcohol	4.885	59	51697	192.809	ug/l	97
12) 1,1-Dichloroethene	3.793	96	182947	50.027	ug/l	97
13) Acrolein	3.665	56	35510	97.668	ug/l	99
14) Allyl chloride	4.385	41	294653	52.384	ug/l	95
15) Acrylonitrile	5.067	53	211014	250.915	ug/l	99
16) Acetone	3.879	43	155472	203.991	ug/l	99
17) Carbon Disulfide	4.104	76	592839	50.181	ug/l	99
18) Methyl Acetate	4.391	43	131145	51.959	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	485368	48.744	ug/l	100
20) Methylene Chloride	4.616	84	241384	50.151	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	219132	52.430	ug/l	99
22) Diisopropyl ether	6.025	45	676127	54.126	ug/l	97
23) Vinyl Acetate	5.964	43	1704592	247.078	ug/l	99
24) 1,1-Dichloroethane	5.921	63	408873	54.189	ug/l	99
25) 2-Butanone	6.896	43	253249	228.306	ug/l	97
26) 2,2-Dichloropropane	6.890	77	304046	48.071	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	253063	52.107	ug/l	100
28) Bromochloromethane	7.244	49	169181	53.333	ug/l	97
29) Tetrahydrofuran	7.268	42	167719	239.451	ug/l	99
30) Chloroform	7.421	83	412795	53.117	ug/l	99
31) Cyclohexane	7.701	56	338254	48.837	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	347057	51.678	ug/l	100
36) 1,1-Dichloropropene	7.835	75	288565	50.373	ug/l	100
37) Ethyl Acetate	6.988	43	117209	47.415	ug/l	97
38) Carbon Tetrachloride	7.817	117	301772	49.926	ug/l	99
39) Methylcyclohexane	9.109	83	361052	48.703	ug/l	95
40) Benzene	8.085	78	925786	52.564	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022927.D
 Acq On : 02 Jul 2025 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	75128	49.368	ug/l	91
42) 1,2-Dichloroethane	8.158	62	245502	50.867	ug/l	99
43) Isopropyl Acetate	8.201	43	242406	47.182	ug/l	99
44) Trichloroethene	8.866	130	223903	50.634	ug/l	97
45) 1,2-Dichloropropane	9.140	63	217424	52.746	ug/l	98
46) Dibromomethane	9.231	93	116068	49.601	ug/l	98
47) Bromodichloromethane	9.420	83	312040	51.712	ug/l	100
48) Methyl methacrylate	9.219	41	118805	48.102	ug/l	96
49) 1,4-Dioxane	9.237	88	23331	843.908	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	636768	243.895	ug/l	96
52) Toluene	10.170	92	582362	52.411	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	263782	48.586	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	318358	50.573	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	150639	49.715	ug/l	96
56) Ethyl methacrylate	10.438	69	198142	48.604	ug/l	95
57) 1,3-Dichloropropane	10.713	76	264037	49.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	531334	248.110	ug/l	99
59) 2-Hexanone	10.762	43	414804	233.687	ug/l	98
60) Dibromochloromethane	10.908	129	196620	50.237	ug/l	99
61) 1,2-Dibromoethane	11.011	107	137540	48.507	ug/l	97
64) Tetrachloroethene	10.646	164	265389	51.702	ug/l	99
65) Chlorobenzene	11.438	112	608206	50.942	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	204017	50.451	ug/l	99
67) Ethyl Benzene	11.518	91	1087741	51.854	ug/l	98
68) m/p-Xylenes	11.627	106	848547	104.643	ug/l	99
69) o-Xylene	11.950	106	393635	51.518	ug/l	100
70) Styrene	11.969	104	664236	51.899	ug/l	99
71) Bromoform	12.127	173	106511	47.303	ug/l #	99
73) Isopropylbenzene	12.249	105	1016815	52.149	ug/l	99
74) N-amyl acetate	12.066	43	210365	48.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	147493	46.935	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	110939m	41.217	ug/l	
77) Bromobenzene	12.530	156	221335	50.081	ug/l	99
78) n-propylbenzene	12.590	91	1240075	52.677	ug/l	98
79) 2-Chlorotoluene	12.676	91	691817	52.015	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	831057	52.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	48662	45.676	ug/l	99
82) 4-Chlorotoluene	12.773	91	716622	51.295	ug/l	100
83) tert-Butylbenzene	12.993	119	736047	53.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	823637	52.265	ug/l	100
85) sec-Butylbenzene	13.170	105	1098845	52.612	ug/l	100
86) p-Isopropyltoluene	13.285	119	903855	52.003	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	449174	50.605	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	433373	49.152	ug/l	99
89) n-Butylbenzene	13.615	91	834023	51.014	ug/l	99
90) Hexachloroethane	13.877	117	178789	51.647	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	384429	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22672	42.544	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	192806	43.657	ug/l	99
94) Hexachlorobutadiene	15.023	225	109453	43.827	ug/l	98
95) Naphthalene	15.139	128	346512	43.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	164987	43.232	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022927.D
Acq On : 02 Jul 2025 21:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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\VY070225\
 Data File : VY022927.D
 Acq On : 02 Jul 2025 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 07/03/2025
 Supervised By : Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 02:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

