

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022872.D
 Acq On : 30 Jun 2025 11:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:33:38 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	450935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	753538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	651538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	313014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	243756	48.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.860%		
35) Dibromofluoromethane	7.634	113	233475	50.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.900%		
50) Toluene-d8	10.103	98	932998	51.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.401	95	291027	49.784	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	177749	46.097	ug/l	98
3) Chloromethane	2.068	50	347504	47.196	ug/l	99
4) Vinyl Chloride	2.202	62	435833	47.379	ug/l	99
5) Bromomethane	2.598	94	331517	45.841	ug/l	96
6) Chloroethane	2.732	64	300201	48.549	ug/l	98
7) Trichlorofluoromethane	3.055	101	487199	47.831	ug/l	100
8) Diethyl Ether	3.452	74	137982	54.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	249812	53.667	ug/l	98
10) Methyl Iodide	4.000	142	308595	60.890	ug/l	99
11) Tert butyl alcohol	4.860	59	75627	225.987	ug/l	98
12) 1,1-Dichloroethene	3.787	96	253515	55.543	ug/l	97
13) Acrolein	3.653	56	131156	289.024	ug/l	97
14) Allyl chloride	4.385	41	415192	59.140	ug/l	93
15) Acrylonitrile	5.055	53	280964	267.677	ug/l	99
16) Acetone	3.866	43	278686	292.967	ug/l	97
17) Carbon Disulfide	4.104	76	820572	55.650	ug/l	99
18) Methyl Acetate	4.385	43	135413	42.985	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	673902	54.224	ug/l	99
20) Methylene Chloride	4.610	84	326844	54.407	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	292093	55.994	ug/l	100
22) Diisopropyl ether	6.018	45	915302	58.707	ug/l	94
23) Vinyl Acetate	5.957	43	2512854	291.827	ug/l	100
24) 1,1-Dichloroethane	5.915	63	542541	57.610	ug/l	99
25) 2-Butanone	6.890	43	373524	269.794	ug/l	98
26) 2,2-Dichloropropane	6.884	77	464978	58.901	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	344955	56.908	ug/l	99
28) Bromochloromethane	7.244	49	201848	50.982	ug/l	94
29) Tetrahydrofuran	7.262	42	223570	255.736	ug/l	99
30) Chloroform	7.421	83	540067	55.679	ug/l	94
31) Cyclohexane	7.701	56	472984	54.714	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	463413	55.286	ug/l	98
36) 1,1-Dichloropropene	7.835	75	395697	56.966	ug/l	99
37) Ethyl Acetate	6.982	43	158012	52.716	ug/l	98
38) Carbon Tetrachloride	7.817	117	404250	55.156	ug/l	99
39) Methylcyclohexane	9.109	83	511782	56.934	ug/l	98
40) Benzene	8.079	78	1218805	57.070	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022872.D
 Acq On : 30 Jun 2025 11:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:33:38 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	7.219	41	100059	54.225	ug/l	89
42) 1,2-Dichloroethane	8.158	62	323015	55.195	ug/l	99
43) Isopropyl Acetate	8.195	43	327734	52.608	ug/l	99
44) Trichloroethene	8.865	130	304616	56.810	ug/l	97
45) 1,2-Dichloropropane	9.140	63	286614	57.342	ug/l	99
46) Dibromomethane	9.231	93	151910	53.538	ug/l	96
47) Bromodichloromethane	9.420	83	411221	56.203	ug/l	99
48) Methyl methacrylate	9.219	41	161343	53.874	ug/l	94
49) 1,4-Dioxane	9.225	88	32035	955.617	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	833028	263.135	ug/l	97
52) Toluene	10.170	92	775479	57.557	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	373508	56.737	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	440703	57.736	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	197476	53.748	ug/l	97
56) Ethyl methacrylate	10.438	69	269183	54.456	ug/l	96
57) 1,3-Dichloropropane	10.713	76	351498	54.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	584171	226.425	ug/l	99
59) 2-Hexanone	10.761	43	564964	262.488	ug/l	97
60) Dibromochloromethane	10.908	129	254363	53.598	ug/l	100
61) 1,2-Dibromoethane	11.011	107	184175	53.568	ug/l	97
64) Tetrachloroethene	10.646	164	351422	57.095	ug/l	98
65) Chlorobenzene	11.438	112	822264	57.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	271870	56.067	ug/l	99
67) Ethyl Benzene	11.517	91	1484733	59.026	ug/l	100
68) m/p-Xylenes	11.627	106	1141915	117.439	ug/l	99
69) o-Xylene	11.950	106	538230	58.746	ug/l	99
70) Styrene	11.969	104	891455	58.087	ug/l	99
71) Bromoform	12.133	173	141480	52.400	ug/l #	99
73) Isopropylbenzene	12.255	105	1388714	59.989	ug/l	99
74) N-amyl acetate	12.072	43	292603	56.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	195128	52.300	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	156817m	49.073	ug/l	
77) Bromobenzene	12.529	156	300835	57.333	ug/l	99
78) n-propylbenzene	12.590	91	1680095	60.112	ug/l	98
79) 2-Chlorotoluene	12.676	91	944654	59.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1121467	60.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69372	54.844	ug/l	99
82) 4-Chlorotoluene	12.773	91	978923	59.018	ug/l	100
83) tert-Butylbenzene	12.993	119	995290	60.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1120897	59.909	ug/l	99
85) sec-Butylbenzene	13.176	105	1485102	59.890	ug/l	99
86) p-Isopropyltoluene	13.291	119	1240025	60.092	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	610002	57.885	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	595473	56.885	ug/l	100
89) n-Butylbenzene	13.615	91	1159242	59.722	ug/l	98
90) Hexachloroethane	13.877	117	239625	58.303	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	520523	56.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30651	48.445	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	283954	54.155	ug/l	97
94) Hexachlorobutadiene	15.023	225	156306	52.716	ug/l	99
95) Naphthalene	15.139	128	478727	50.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	229335	50.615	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022872.D
Acq On : 30 Jun 2025 11:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

Quant Time: Jul 01 03:33:38 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

