

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022787.D
 Acq On : 24 Jun 2025 10:58
 Operator : SY/MD
 Sample : VY0624SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

Quant Time: Jun 25 01:21:17 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	456381	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	765818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	658494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	311846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	258457	50.741	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.628	113	237954	51.092	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.103	98	937358	50.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.402	95	288353	48.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80681	20.674	ug/l	98
3) Chloromethane	2.068	50	151870	20.380	ug/l	99
4) Vinyl Chloride	2.202	62	189178	20.320	ug/l	99
5) Bromomethane	2.586	94	156887	21.435	ug/l	97
6) Chloroethane	2.726	64	126812	20.264	ug/l	95
7) Trichlorofluoromethane	3.043	101	207987	20.176	ug/l	96
8) Diethyl Ether	3.452	74	51539	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96792	20.546	ug/l	98
10) Methyl Iodide	4.001	142	89629	17.474	ug/l	100
11) Tert butyl alcohol	4.866	59	33635	99.308	ug/l	97
12) 1,1-Dichloroethene	3.781	96	92667	20.060	ug/l	95
13) Acrolein	3.647	56	47424	103.260	ug/l	95
14) Allyl chloride	4.379	41	146217	20.579	ug/l	93
15) Acrylonitrile	5.055	53	107474	101.169	ug/l	99
16) Acetone	3.873	43	99768	103.629	ug/l	99
17) Carbon Disulfide	4.104	76	305830	20.494	ug/l	98
18) Methyl Acetate	4.379	43	59655	18.711	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	252967	20.111	ug/l	96
20) Methylene Chloride	4.610	84	110970	18.252	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	106564	20.184	ug/l	94
22) Diisopropyl ether	6.012	45	321027	20.345	ug/l	96
23) Vinyl Acetate	5.958	43	906576	104.027	ug/l	100
24) 1,1-Dichloroethane	5.909	63	195430	20.504	ug/l	99
25) 2-Butanone	6.890	43	143746	102.588	ug/l	99
26) 2,2-Dichloropropane	6.884	77	164624	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	122077	19.899	ug/l	98
28) Bromochloromethane	7.238	49	82032	20.472	ug/l	95
29) Tetrahydrofuran	7.256	42	89736	101.422	ug/l	98
30) Chloroform	7.415	83	194987	19.863	ug/l	97
31) Cyclohexane	7.701	56	175827	20.097	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	173928	20.502	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143801	20.370	ug/l	100
37) Ethyl Acetate	6.982	43	63401	20.813	ug/l	98
38) Carbon Tetrachloride	7.817	117	148557	19.944	ug/l	96
39) Methylcyclohexane	9.103	83	183335	20.068	ug/l	97
40) Benzene	8.079	78	436818	20.126	ug/l	99

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41) Methacrylonitrile	7.220	41	34505	18.399	ug/l	95
42) 1,2-Dichloroethane	8.158	62	119482	20.089	ug/l	99
43) Isopropyl Acetate	8.195	43	126183	19.930	ug/l	99
44) Trichloroethene	8.859	130	108598	19.929	ug/l	96
45) 1,2-Dichloropropane	9.140	63	102981	20.273	ug/l	97
46) Dibromomethane	9.225	93	57676	20.001	ug/l	95
47) Bromodichloromethane	9.420	83	152012	20.443	ug/l	97
48) Methyl methacrylate	9.219	41	59051	19.401	ug/l	93
49) 1,4-Dioxane	9.225	88	13754	403.709	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	326652	101.528	ug/l	97
52) Toluene	10.164	92	270533	19.757	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	131291	19.624	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	156954	20.233	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	75639	20.257	ug/l	98
56) Ethyl methacrylate	10.438	69	96651	19.239	ug/l	97
57) 1,3-Dichloropropane	10.713	76	130811	20.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	237217	99.871	ug/l	98
59) 2-Hexanone	10.755	43	215777	98.645	ug/l	98
60) Dibromochloromethane	10.908	129	94732	19.641	ug/l	100
61) 1,2-Dibromoethane	11.012	107	69777	19.969	ug/l	97
64) Tetrachloroethene	10.646	164	115603	18.583	ug/l	96
65) Chlorobenzene	11.438	112	285635	19.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	94942	19.373	ug/l	99
67) Ethyl Benzene	11.518	91	494938	19.469	ug/l	97
68) m/p-Xylenes	11.627	106	383028	38.976	ug/l	100
69) o-Xylene	11.950	106	176241	19.033	ug/l	96
70) Styrene	11.963	104	296321	19.104	ug/l	100
71) Bromoform	12.127	173	51385	18.830	ug/l #	98
73) Isopropylbenzene	12.249	105	464061	20.121	ug/l	100
74) N-amyl acetate	12.066	43	105914	20.459	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	81128	21.826	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	64712m	20.326	ug/l	
77) Bromobenzene	12.523	156	103685	19.834	ug/l	100
78) n-propylbenzene	12.591	91	564023	20.256	ug/l	99
79) 2-Chlorotoluene	12.676	91	314954	20.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	370288	19.889	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	25639	20.346	ug/l	98
82) 4-Chlorotoluene	12.773	91	326505	19.758	ug/l	99
83) tert-Butylbenzene	12.993	119	327400	19.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	368212	19.754	ug/l	99
85) sec-Butylbenzene	13.170	105	491676	19.902	ug/l	99
86) p-Isopropyltoluene	13.285	119	405641	19.731	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	206895	19.706	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	203188	19.483	ug/l	99
89) n-Butylbenzene	13.615	91	378895	19.593	ug/l	99
90) Hexachloroethane	13.871	117	83492	20.390	ug/l	96
91) 1,2-Dichlorobenzene	13.651	146	179542	19.405	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12253	19.439	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	99715	19.088	ug/l	99
94) Hexachlorobutadiene	15.017	225	56915	19.267	ug/l	98
95) Naphthalene	15.139	128	173849	18.403	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	85697	18.985	ug/l	98

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

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