

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039309.D
 Acq On : 04 Nov 2025 12:49
 Operator : SY/MD
 Sample : VV1104WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1104WBS01

Quant Time: Nov 05 00:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	733220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1149929	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1129519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	636116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	511281	49.074	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	98.140%		
35) Dibromofluoromethane	4.497	113	453890	50.095	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	100.180%		
50) Toluene-d8	7.233	98	1616726	52.451	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	104.900%		
62) 4-Bromofluorobenzene	9.998	95	589312	53.683	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	107.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	150088	16.195	ug/l	99
3) Chloromethane	1.230	50	170270	17.647	ug/l	97
4) Vinyl Chloride	1.298	62	184720	16.781	ug/l	100
5) Bromomethane	1.500	94	134477	18.829	ug/l	99
6) Chloroethane	1.561	64	123716	18.962	ug/l	97
7) Trichlorofluoromethane	1.728	101	292963	17.422	ug/l	99
8) Diethyl Ether	1.918	74	100661	16.565	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	182519	18.127	ug/l	99
10) Methyl Iodide	2.198	142	171240	19.739	ug/l	99
11) Tert butyl alcohol	2.561	59	96173	47.632	ug/l	99
12) 1,1-Dichloroethene	2.082	96	166090	16.800	ug/l	98
13) Acrolein	2.011	56	41461	29.385	ug/l	100
14) Allyl chloride	2.359	41	260264	16.606	ug/l	99
15) Acrylonitrile	2.674	53	459816	76.793	ug/l	99
16) Acetone	2.118	43	413309	78.304	ug/l	99
17) Carbon Disulfide	2.253	76	483660	17.320	ug/l	100
18) Methyl Acetate	2.378	43	191593	14.191	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	519738	17.466	ug/l	100
20) Methylene Chloride	2.455	84	189332	19.107	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	180695	17.359	ug/l	98
22) Diisopropyl ether	3.211	45	518348	18.421	ug/l #	70
23) Vinyl Acetate	3.188	43	2239012	90.638	ug/l	100
24) 1,1-Dichloroethane	3.118	63	328316	17.416	ug/l	99
25) 2-Butanone	3.863	43	485792	76.243	ug/l	99
26) 2,2-Dichloropropane	3.809	77	271540	17.884	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	188276	18.064	ug/l	99
28) Bromochloromethane	4.146	49	139950	17.413	ug/l	99
29) Tetrahydrofuran	4.233	42	306767	75.300	ug/l	99
30) Chloroform	4.278	83	336927	17.526	ug/l	97
31) Cyclohexane	4.584	56	251508	18.317	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	299853	17.840	ug/l	99
36) 1,1-Dichloropropene	4.744	75	202258	17.773	ug/l	98
37) Ethyl Acetate	3.976	43	204626	15.359	ug/l	98
38) Carbon Tetrachloride	4.732	117	254185	18.333	ug/l	96
39) Methylcyclohexane	6.043	83	229820	17.670	ug/l	99
40) Benzene	5.008	78	686424	18.797	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	83940	15.924	ug/l	93
42) 1,2-Dichloroethane	5.040	62	230824	18.010	ug/l	99
43) Isopropyl Acetate	5.191	43	305041	17.489	ug/l	100
44) Trichloroethene	5.831	130	170962	18.617	ug/l	95
45) 1,2-Dichloropropane	6.088	63	173680	19.546	ug/l	98
46) Dibromomethane	6.227	93	132973	17.903	ug/l	98
47) Bromodichloromethane	6.426	83	267149	18.255	ug/l	99
48) Methyl methacrylate	6.297	41	128547	15.908	ug/l	98
49) 1,4-Dioxane	6.291	88	23507m	174.875	ug/l	
51) 4-Methyl-2-Pentanone	7.146	43	1042286	86.132	ug/l	98
52) Toluene	7.307	92	435082	19.733	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	240904	18.836	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	275230	19.356	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	178823	17.961	ug/l	98
56) Ethyl methacrylate	7.715	69	208276	18.465	ug/l	99
57) 1,3-Dichloropropane	7.934	76	282493	18.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	616357	95.710	ug/l	99
59) 2-Hexanone	8.063	43	744076	83.755	ug/l	99
60) Dibromochloromethane	8.166	129	213236	18.318	ug/l	98
61) 1,2-Dibromoethane	8.272	107	191275	18.451	ug/l	99
64) Tetrachloroethene	7.895	164	153069	18.578	ug/l	98
65) Chlorobenzene	8.802	112	488115	18.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	179594	17.931	ug/l	98
67) Ethyl Benzene	8.934	91	735503	18.673	ug/l	99
68) m/p-Xylenes	9.059	106	618237	39.575	ug/l	99
69) o-Xylene	9.468	106	257329	18.653	ug/l	95
70) Styrene	9.487	104	486737	19.829	ug/l	99
71) Bromoform	9.654	173	144690	17.863	ug/l #	97
73) Isopropylbenzene	9.854	105	741892	19.206	ug/l	100
74) N-amyl acetate	9.725	43	260778	16.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	287138	16.187	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	207338	16.331	ug/l	94
77) Bromobenzene	10.140	156	202408	19.061	ug/l	99
78) n-propylbenzene	10.275	91	901629	19.237	ug/l	100
79) 2-Chlorotoluene	10.346	91	555299	19.189	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	637404	19.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	84401	16.789	ug/l	96
82) 4-Chlorotoluene	10.461	91	660634	19.862	ug/l	99
83) tert-Butylbenzene	10.789	119	578625	17.987	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	620103	19.443	ug/l	99
85) sec-Butylbenzene	11.011	105	746311	18.349	ug/l	100
86) p-Isopropyltoluene	11.165	119	646871	18.498	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	395972	18.695	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	423406	17.862	ug/l	99
89) n-Butylbenzene	11.580	91	567146	17.415	ug/l	98
90) Hexachloroethane	11.818	117	145066	16.776	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	365350	18.133	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	54508	14.944	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	200695	17.860	ug/l	99
94) Hexachlorobutadiene	13.368	225	81939	14.400	ug/l	98
95) Naphthalene	13.426	128	602988	16.378	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	202409	17.331	ug/l	97

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

