

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039150.D
 Acq On : 24 Sep 2025 14:01
 Operator : SY/MD
 Sample : VV0924WBS02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	492318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	795602	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	784865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	349518	49.053	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.100%
35) Dibromofluoromethane	4.500	113	319944	50.023	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.040%
50) Toluene-d8	7.236	98	929285	49.469	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	10.002	95	402187	52.007	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	148756	19.087	ug/l	99
3) Chloromethane	1.230	50	159926	19.115	ug/l	98
4) Vinyl Chloride	1.298	62	173519	19.373	ug/l	100
5) Bromomethane	1.497	94	117993	20.897	ug/l	100
6) Chloroethane	1.561	64	117810	21.073	ug/l	99
7) Trichlorofluoromethane	1.725	101	259123	19.982	ug/l	99
8) Diethyl Ether	1.918	74	101938	21.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	151673	19.657	ug/l	99
10) Methyl Iodide	2.198	142	155103	21.109	ug/l	98
11) Tert butyl alcohol	2.568	59	166515	110.571	ug/l	99
12) 1,1-Dichloroethene	2.082	96	148258	19.973	ug/l	96
13) Acrolein	2.011	56	30535	116.851	ug/l	97
14) Allyl chloride	2.359	41	270301	20.386	ug/l	98
15) Acrylonitrile	2.674	53	510399	105.726	ug/l	100
16) Acetone	2.118	43	500511	107.135	ug/l	98
17) Carbon Disulfide	2.253	76	445608	19.629	ug/l	99
18) Methyl Acetate	2.381	43	236287	22.381	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	494520	20.907	ug/l	96
20) Methylene Chloride	2.458	84	185787	22.678	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	155320	19.655	ug/l	98
22) Diisopropyl ether	3.217	45	514292	20.273	ug/l	85
23) Vinyl Acetate	3.192	43	2297382	103.522	ug/l	100
24) 1,1-Dichloroethane	3.118	63	304665	19.638	ug/l	99
25) 2-Butanone	3.870	43	603602	105.789	ug/l	98
26) 2,2-Dichloropropane	3.812	77	246178	17.897	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	170071	19.514	ug/l	100
28) Bromochloromethane	4.146	49	138833	20.271	ug/l	96
29) Tetrahydrofuran	4.240	42	389964	109.192	ug/l	100
30) Chloroform	4.278	83	322270	19.894	ug/l	99
31) Cyclohexane	4.584	56	238107	18.736	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	279806	19.951	ug/l	97
36) 1,1-Dichloropropene	4.745	75	187909	19.432	ug/l	98
37) Ethyl Acetate	3.982	43	243790	20.776	ug/l	# 92
38) Carbon Tetrachloride	4.735	117	232933	19.709	ug/l	100
39) Methylcyclohexane	6.047	83	228816	19.594	ug/l	96
40) Benzene	5.011	78	633991	20.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	96391	19.385	ug/l	93
42) 1,2-Dichloroethane	5.040	62	228142	20.677	ug/l	99
43) Isopropyl Acetate	5.195	43	337530	21.097	ug/l	99
44) Trichloroethene	5.831	130	147483	20.297	ug/l	99
45) 1,2-Dichloropropane	6.092	63	163901	20.941	ug/l	96
46) Dibromomethane	6.227	93	126157	21.059	ug/l	99
47) Bromodichloromethane	6.426	83	254692	20.565	ug/l	99
48) Methyl methacrylate	6.301	41	145228	20.025	ug/l	98
49) 1,4-Dioxane	6.294	88	46282	395.445	ug/l	91
51) 4-Methyl-2-Pentanone	7.150	43	1236058	117.436	ug/l	98
52) Toluene	7.310	92	398034	21.801	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	233157	21.603	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	256176	21.501	ug/l	96
55) 1,1,2-Trichloroethane	7.764	97	171861	20.993	ug/l	97
56) Ethyl methacrylate	7.719	69	198833	20.452	ug/l	100
57) 1,3-Dichloropropane	7.934	76	277597	21.486	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.815	63	517964	100.347	ug/l	99
59) 2-Hexanone	8.066	43	894828	106.669	ug/l	98
60) Dibromochloromethane	8.166	129	191297	20.508	ug/l	99
61) 1,2-Dibromoethane	8.275	107	179580	21.450	ug/l	99
64) Tetrachloroethene	7.899	164	132876	20.213	ug/l	98
65) Chlorobenzene	8.805	112	432358	19.777	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	156609	19.826	ug/l	100
67) Ethyl Benzene	8.937	91	658467	19.898	ug/l	100
68) m/p-Xylenes	9.063	106	551462	43.176	ug/l	99
69) o-Xylene	9.468	106	230630	20.393	ug/l	98
70) Styrene	9.487	104	431651	18.940	ug/l	98
71) Bromoform	9.654	173	131945	21.384	ug/l #	98
73) Isopropylbenzene	9.857	105	671517	19.761	ug/l	100
74) N-amyl acetate	9.725	43	283249	20.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	286264	19.226	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	206903	19.396	ug/l	100
77) Bromobenzene	10.140	156	173461	19.674	ug/l	99
78) n-propylbenzene	10.278	91	836225	20.207	ug/l	100
79) 2-Chlorotoluene	10.349	91	511892	20.673	ug/l	98
80) 1,3,5-Trimethylbenzene	10.465	105	583511	20.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	86872	19.550	ug/l	99
82) 4-Chlorotoluene	10.465	91	594451	20.703	ug/l	100
83) tert-Butylbenzene	10.789	119	525337	18.652	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	564955	20.602	ug/l	100
85) sec-Butylbenzene	11.014	105	728021	19.488	ug/l	100
86) p-Isopropyltoluene	11.169	119	612071	19.685	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	349017	19.560	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	375846	19.199	ug/l	99
89) n-Butylbenzene	11.580	91	577604	19.451	ug/l	98
90) Hexachloroethane	11.821	117	135944	17.755	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	316105	18.962	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56358	21.271	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	178967	18.728	ug/l	99
94) Hexachlorobutadiene	13.368	225	89231	17.970	ug/l	99
95) Naphthalene	13.426	128	578144	18.718	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	187044	19.137	ug/l	100

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

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