

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039028.D
 Acq On : 25 Aug 2025 12:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV082525

Quant Time: Aug 26 03:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	575028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1002716	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	893629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	407718	49.160	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.320%
35) Dibromofluoromethane	4.500	113	345228	47.808	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.620%
50) Toluene-d8	7.236	98	1155276	45.185	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.360%
62) 4-Bromofluorobenzene	10.001	95	428089	45.695	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	344292	44.711	ug/l	99
3) Chloromethane	1.230	50	357314	43.542	ug/l	100
4) Vinyl Chloride	1.297	62	427194	44.641	ug/l	99
5) Bromomethane	1.494	94	237474	49.387	ug/l	100
6) Chloroethane	1.558	64	257531	44.426	ug/l	100
7) Trichlorofluoromethane	1.725	101	605942	43.988	ug/l	99
8) Diethyl Ether	1.918	74	235128	44.995	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	368849	44.447	ug/l	100
10) Methyl Iodide	2.195	142	365719	48.381	ug/l	100
11) Tert butyl alcohol	2.561	59	356178	239.238	ug/l	100
12) 1,1-Dichloroethene	2.079	96	349871	44.035	ug/l	95
13) Acrolein	2.008	56	111127	165.320	ug/l	97
14) Allyl chloride	2.355	41	630342	50.404	ug/l	99
15) Acrylonitrile	2.670	53	1155857	260.323	ug/l	100
16) Acetone	2.117	43	1124405	214.652	ug/l	99
17) Carbon Disulfide	2.252	76	1006208	45.621	ug/l	100
18) Methyl Acetate	2.378	43	553201	53.179	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1204823	51.463	ug/l	99
20) Methylene Chloride	2.455	84	404470	47.284	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	374697	47.051	ug/l	99
22) Diisopropyl ether	3.211	45	1299934	57.118	ug/l	94
23) Vinyl Acetate	3.185	43	5473896	290.159	ug/l	98
24) 1,1-Dichloroethane	3.117	63	722411	50.669	ug/l	99
25) 2-Butanone	3.857	43	1522887	265.473	ug/l	96
26) 2,2-Dichloropropane	3.809	77	610933	49.848	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	436651	49.472	ug/l	96
28) Bromochloromethane	4.146	49	182250	58.152	ug/l	90
29) Tetrahydrofuran	4.227	42	1011163	278.820	ug/l	92
30) Chloroform	4.275	83	728459	49.123	ug/l	97
31) Cyclohexane	4.584	56	630819	50.028	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	630499	48.302	ug/l	98
36) 1,1-Dichloropropene	4.744	75	495455	51.052	ug/l	98
37) Ethyl Acetate	3.969	43	600016	52.674	ug/l	97
38) Carbon Tetrachloride	4.735	117	532416	45.813	ug/l	99
39) Methylcyclohexane	6.047	83	652473	52.372	ug/l	97
40) Benzene	5.008	78	1554193	50.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	268047	55.865	ug/l	96
42) 1,2-Dichloroethane	5.037	62	522926	48.353	ug/l	99
43) Isopropyl Acetate	5.188	43	914392	56.419	ug/l	97
44) Trichloroethene	5.831	130	367135	47.146	ug/l	95
45) 1,2-Dichloropropane	6.088	63	383699	48.664	ug/l	99
46) Dibromomethane	6.223	93	284498	47.578	ug/l	96
47) Bromodichloromethane	6.426	83	551489	44.761	ug/l	98
48) Methyl methacrylate	6.291	41	422576	53.413	ug/l	98
49) 1,4-Dioxane	6.284	88	129242	966.239	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	2645673	232.078	ug/l	100
52) Toluene	7.307	92	904458	45.722	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	552106	46.679	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	595072	46.834	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	356105	43.149	ug/l	99
56) Ethyl methacrylate	7.712	69	552173	50.442	ug/l	99
57) 1,3-Dichloropropane	7.934	76	598700	44.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1475538	221.274	ug/l	99
59) 2-Hexanone	8.059	43	1975263	233.518	ug/l	99
60) Dibromochloromethane	8.165	129	426468	44.669	ug/l	100
61) 1,2-Dibromoethane	8.271	107	378551	44.442	ug/l	99
64) Tetrachloroethene	7.895	164	301848	47.515	ug/l	99
65) Chlorobenzene	8.802	112	994907	46.527	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.898	131	351096	47.027	ug/l	100
67) Ethyl Benzene	8.937	91	1693784	50.067	ug/l	99
68) m/p-Xylenes	9.062	106	1316292	101.194	ug/l	99
69) o-Xylene	9.468	106	614569	51.604	ug/l	98
70) Styrene	9.484	104	1082811	51.609	ug/l	99
71) Bromoform	9.654	173	289572	47.968	ug/l #	99
73) Isopropylbenzene	9.857	105	1656396	50.478	ug/l	100
74) N-amyl acetate	9.722	43	673440	49.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	571436	44.205	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	430917	46.884	ug/l	78
77) Bromobenzene	10.140	156	398926	49.072	ug/l	97
78) n-propylbenzene	10.278	91	1998738	51.599	ug/l	100
79) 2-Chlorotoluene	10.349	91	1168084	48.940	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1419211	52.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	203455	48.682	ug/l	99
82) 4-Chlorotoluene	10.461	91	1376893	50.688	ug/l	100
83) tert-Butylbenzene	10.789	119	1414329	51.625	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1399547	53.107	ug/l	99
85) sec-Butylbenzene	11.011	105	1834252	50.909	ug/l	99
86) p-Isopropyltoluene	11.165	119	1535571	51.110	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	777180	47.826	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	787724	44.989	ug/l	99
89) n-Butylbenzene	11.580	91	1477164	50.975	ug/l	99
90) Hexachloroethane	11.821	117	303275	45.187	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	740849	47.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	123013	43.807	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	478391	52.381	ug/l	98
94) Hexachlorobutadiene	13.371	225	200584	46.968	ug/l	100
95) Naphthalene	13.426	128	1683513	53.148	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	477485	51.596	ug/l	99

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

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