

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038976.D
 Acq On : 21 Aug 2025 10:38
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 22 03:46:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	448849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	689451	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	777232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	462251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	288796	45.854	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	91.700%		
35) Dibromofluoromethane	4.503	113	238280	46.084	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	92.160%		
50) Toluene-d8	7.236	98	922715	51.177	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	102.360%		
62) 4-Bromofluorobenzene	10.002	95	385450	58.439	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	116.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	324254	48.326	ug/l	100
3) Chloromethane	1.227	50	344558	49.714	ug/l	100
4) Vinyl Chloride	1.294	62	369283	50.497	ug/l	100
5) Bromomethane	1.494	94	200986	50.854	ug/l	100
6) Chloroethane	1.558	64	185722	49.944	ug/l	100
7) Trichlorofluoromethane	1.725	101	488190	48.730	ug/l	100
8) Diethyl Ether	1.915	74	143076	46.440	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	248852	45.001	ug/l	100
10) Methyl Iodide	2.195	142	351327	51.065	ug/l	100
11) Tert butyl alcohol	2.561	59	210470	246.905	ug/l	100
12) 1,1-Dichloroethene	2.079	96	240695	47.250	ug/l	100
13) Acrolein	2.008	56	64952	234.007	ug/l	100
14) Allyl chloride	2.356	41	318552	46.835	ug/l	100
15) Acrylonitrile	2.671	53	612933	236.374	ug/l	100
16) Acetone	2.118	43	558678	221.014	ug/l	100
17) Carbon Disulfide	2.253	76	662441	46.754	ug/l	100
18) Methyl Acetate	2.378	43	251313	46.906	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	769957	51.117	ug/l	100
20) Methylene Chloride	2.455	84	260786	44.394	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	257083	48.453	ug/l	100
22) Diisopropyl ether	3.211	45	648326	43.415	ug/l	100
23) Vinyl Acetate	3.185	43	2754420	230.385	ug/l	100
24) 1,1-Dichloroethane	3.118	63	421880	42.649	ug/l	100
25) 2-Butanone	3.857	43	746049	222.071	ug/l	100
26) 2,2-Dichloropropane	3.812	77	418362	44.088	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	287359	44.872	ug/l	100
28) Bromochloromethane	4.146	49	99203	47.639	ug/l	100
29) Tetrahydrofuran	4.230	42	470026	214.773	ug/l	100
30) Chloroform	4.278	83	491932	42.466	ug/l	100
31) Cyclohexane	4.587	56	362688	41.094	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	466097	43.888	ug/l	100
36) 1,1-Dichloropropene	4.744	75	312051	46.472	ug/l	100
37) Ethyl Acetate	3.970	43	269687	39.071	ug/l	100
38) Carbon Tetrachloride	4.735	117	424814	47.243	ug/l	100
39) Methylcyclohexane	6.047	83	435443	50.751	ug/l	100
40) Benzene	5.008	78	986232	46.893	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	127313	48.796	ug/l	100
42) 1,2-Dichloroethane	5.037	62	354409	46.094	ug/l	100
43) Isopropyl Acetate	5.188	43	461979	46.451	ug/l	100
44) Trichloroethene	5.831	130	269834	47.300	ug/l	100
45) 1,2-Dichloropropane	6.088	63	227210	45.046	ug/l	100
46) Dibromomethane	6.224	93	192782	45.550	ug/l	100
47) Bromodichloromethane	6.426	83	402376	46.715	ug/l	100
48) Methyl methacrylate	6.294	41	224732	51.026	ug/l	100
49) 1,4-Dioxane	6.285	88	73876	960.553	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	1740974	260.874	ug/l	100
52) Toluene	7.307	92	737583	55.376	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	479897	59.598	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	433052	51.906	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	321494	55.358	ug/l	100
56) Ethyl methacrylate	7.715	69	457863	52.314	ug/l	100
57) 1,3-Dichloropropane	7.934	76	521692	57.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1020342	249.422	ug/l	100
59) 2-Hexanone	8.063	43	1602266	261.865	ug/l	100
60) Dibromochloromethane	8.169	129	385284	54.943	ug/l	100
61) 1,2-Dibromoethane	8.272	107	343681	57.042	ug/l	100
64) Tetrachloroethene	7.895	164	283092	48.950	ug/l	100
65) Chlorobenzene	8.802	112	904145	48.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	326401	48.520	ug/l	100
67) Ethyl Benzene	8.937	91	1516801	53.020	ug/l	100
68) m/p-Xylenes	9.063	106	1219116	109.725	ug/l	100
69) o-Xylene	9.468	106	553593	54.666	ug/l	100
70) Styrene	9.484	104	1003744	57.773	ug/l	100
71) Bromoform	9.654	173	272020	48.991	ug/l #	100
73) Isopropylbenzene	9.857	105	1537427	49.565	ug/l	100
74) N-amyl acetate	9.725	43	574314	50.981	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	513697	41.700	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	392863	46.216	ug/l	100
77) Bromobenzene	10.140	156	372003	46.678	ug/l	100
78) n-propylbenzene	10.278	91	1876732	50.675	ug/l	100
79) 2-Chlorotoluene	10.349	91	1093250	48.097	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	1348347	51.653	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	186646	49.978	ug/l	100
82) 4-Chlorotoluene	10.461	91	1315962	51.348	ug/l	100
83) tert-Butylbenzene	10.789	119	1306028	50.387	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1330375	53.256	ug/l	100
85) sec-Butylbenzene	11.011	105	1719793	51.018	ug/l	100
86) p-Isopropyltoluene	11.165	119	1465463	51.622	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	750209	47.672	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	769904	45.864	ug/l	100
89) n-Butylbenzene	11.580	91	1405846	50.830	ug/l	100
90) Hexachloroethane	11.821	117	286765	43.709	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	702885	46.842	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	108861	45.437	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	449787	50.230	ug/l	100
94) Hexachlorobutadiene	13.368	225	205348	44.484	ug/l	100
95) Naphthalene	13.423	128	1544007	54.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	454605	50.349	ug/l	100

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

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