

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038975.D
 Acq On : 21 Aug 2025 10:17
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 22 03:45:46 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	4.597	168	493049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	770115	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	738684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	389746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	137174	19.828	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	39.660%#
35) Dibromofluoromethane	4.503	113	118835	20.576	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	41.160%#
50) Toluene-d8	7.236	98	414482	20.581	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	41.160%#
62) 4-Bromofluorobenzene	10.001	95	145467	19.744	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	39.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	133170	18.068	ug/l	99
3) Chloromethane	1.230	50	140328	18.432	ug/l	98
4) Vinyl Chloride	1.294	62	135730	16.896	ug/l	99
5) Bromomethane	1.497	94	76753	17.679	ug/l	98
6) Chloroethane	1.561	64	72005	17.627	ug/l	93
7) Trichlorofluoromethane	1.725	101	202353	18.388	ug/l	99
8) Diethyl Ether	1.918	74	60745	17.949	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	110063	18.119	ug/l	98
10) Methyl Iodide	2.195	142	147214	19.479	ug/l	98
11) Tert butyl alcohol	2.558	59	100756	107.602	ug/l	100
12) 1,1-Dichloroethene	2.079	96	102277	18.278	ug/l	98
13) Acrolein	2.008	56	33864	100.726	ug/l	100
14) Allyl chloride	2.359	41	142005	19.007	ug/l	97
15) Acrylonitrile	2.674	53	323462	113.558	ug/l	98
16) Acetone	2.114	43	257266	92.651	ug/l	100
17) Carbon Disulfide	2.249	76	290919	18.692	ug/l	99
18) Methyl Acetate	2.381	43	125778	21.371	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	353510	21.365	ug/l	96
20) Methylene Chloride	2.455	84	136883	21.213	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	126219	21.656	ug/l	98
22) Diisopropyl ether	3.211	45	348305	21.233	ug/l	97
23) Vinyl Acetate	3.188	43	1421747	108.257	ug/l	96
24) 1,1-Dichloroethane	3.118	63	221234	20.360	ug/l	97
25) 2-Butanone	3.860	43	391716	106.147	ug/l	97
26) 2,2-Dichloropropane	3.809	77	201464	19.328	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	135389	19.246	ug/l	95
28) Bromochloromethane	4.146	49	55788	24.411	ug/l	89
29) Tetrahydrofuran	4.230	42	251836	104.757	ug/l	91
30) Chloroform	4.275	83	245359	19.282	ug/l	98
31) Cyclohexane	4.584	56	188266	19.419	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	218298	18.712	ug/l	99
36) 1,1-Dichloropropene	4.744	75	152312	20.307	ug/l	99
37) Ethyl Acetate	3.973	43	146658	19.022	ug/l	94
38) Carbon Tetrachloride	4.735	117	187355	18.653	ug/l	99
39) Methylcyclohexane	6.043	83	188639	19.683	ug/l	93
40) Benzene	5.008	78	493541	21.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	57745	19.814	ug/l	97
42) 1,2-Dichloroethane	5.040	62	168343	19.601	ug/l	99
43) Isopropyl Acetate	5.188	43	220954	19.889	ug/l	97
44) Trichloroethene	5.831	130	120625	18.930	ug/l	94
45) 1,2-Dichloropropane	6.088	63	122368	21.719	ug/l	96
46) Dibromomethane	6.227	93	92422	19.550	ug/l	96
47) Bromodichloromethane	6.426	83	189626	19.709	ug/l	99
48) Methyl methacrylate	6.297	41	99334	20.192	ug/l	95
49) 1,4-Dioxane	6.288	88	34249	398.670	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	808270	108.428	ug/l	98
52) Toluene	7.307	92	310827	20.892	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	174587	19.411	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	195164	20.942	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	128426	19.798	ug/l	97
56) Ethyl methacrylate	7.715	69	156208	16.834	ug/l	98
57) 1,3-Dichloropropane	7.934	76	202191	19.989	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	439082	101.454	ug/l	97
59) 2-Hexanone	8.063	43	592514	85.746	ug/l	97
60) Dibromochloromethane	8.166	129	152342	19.449	ug/l	100
61) 1,2-Dibromoethane	8.275	107	136218	20.240	ug/l	98
64) Tetrachloroethene	7.895	164	108840	19.802	ug/l	98
65) Chlorobenzene	8.805	112	344406	19.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	125776	19.672	ug/l	98
67) Ethyl Benzene	8.937	91	546149	20.087	ug/l	100
68) m/p-Xylenes	9.063	106	450062	42.621	ug/l	99
69) o-Xylene	9.468	106	197804	20.552	ug/l	95
70) Styrene	9.487	104	357594	21.656	ug/l	99
71) Bromoform	9.654	173	103675	19.646	ug/l	99
73) Isopropylbenzene	9.857	105	561962	21.487	ug/l	100
74) N-amyl acetate	9.725	43	196570	20.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	206468	19.878	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	149251	20.824	ug/l	98
77) Bromobenzene	10.140	156	141847	21.110	ug/l	98
78) n-propylbenzene	10.278	91	680632	21.797	ug/l	99
79) 2-Chlorotoluene	10.349	91	415958	21.704	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	441294	20.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	65212	20.710	ug/l	96
82) 4-Chlorotoluene	10.461	91	425956	19.712	ug/l	98
83) tert-Butylbenzene	10.789	119	412752	18.886	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	422791	20.073	ug/l	99
85) sec-Butylbenzene	11.011	105	556915	19.594	ug/l	99
86) p-Isopropyltoluene	11.165	119	481435	20.114	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	258827	19.507	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	270145	19.087	ug/l	99
89) n-Butylbenzene	11.580	91	491308	21.069	ug/l	100
90) Hexachloroethane	11.821	117	112471	20.332	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	266153	21.037	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	42681	21.129	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	156598	20.742	ug/l	99
94) Hexachlorobutadiene	13.368	225	81040	20.821	ug/l	97
95) Naphthalene	13.426	128	488193	20.490	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	165134	21.692	ug/l	99

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

