

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038979.D
 Acq On : 21 Aug 2025 11:45
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 22 03:49:44 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	513044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	841230	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	790797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	426638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	72519	10.074	ug/l	0.01
Spiked Amount	50.000	Range	81 - 118	Recovery	=	20.140%#
35) Dibromofluoromethane	4.513	113	63422	10.053	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	20.100%#
50) Toluene-d8	7.240	98	210765	9.581	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	19.160%#
62) 4-Bromofluorobenzene	10.005	95	77169	9.589	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	19.180%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	76601	9.988	ug/l	100
3) Chloromethane	1.227	50	78856	9.954	ug/l	99
4) Vinyl Chloride	1.294	62	85058	10.176	ug/l	96
5) Bromomethane	1.497	94	49464	10.950	ug/l	99
6) Chloroethane	1.561	64	45999	10.822	ug/l	93
7) Trichlorofluoromethane	1.725	101	113062	9.873	ug/l	99
8) Diethyl Ether	1.918	74	34405	9.770	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.082	101	63501	10.046	ug/l	98
10) Methyl Iodide	2.198	142	83097	10.567	ug/l	98
11) Tert butyl alcohol	2.565	59	56102	57.579	ug/l	99
12) 1,1-Dichloroethene	2.082	96	60171	10.334	ug/l	98
13) Acrolein	2.011	56	14934	31.347	ug/l	96
14) Allyl chloride	2.362	41	81795	10.521	ug/l	95
15) Acrylonitrile	2.677	53	160254	54.068	ug/l	98
16) Acetone	2.121	43	145823	50.470	ug/l	99
17) Carbon Disulfide	2.253	76	175391	10.830	ug/l	99
18) Methyl Acetate	2.384	43	64632	10.554	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	188007	10.920	ug/l	99
20) Methylene Chloride	2.458	84	68554	10.210	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	66805	11.015	ug/l	96
22) Diisopropyl ether	3.214	45	205325	12.029	ug/l	80
23) Vinyl Acetate	3.195	43	812363	59.446	ug/l	94
24) 1,1-Dichloroethane	3.121	63	132116	11.685	ug/l	96
25) 2-Butanone	3.873	43	226609	59.013	ug/l	95
26) 2,2-Dichloropropane	3.815	77	114703	10.575	ug/l	98
27) cis-1,2-Dichloroethene	3.828	96	82723	11.301	ug/l	99
28) Bromochloromethane	4.156	49	27758	9.730	ug/l	90
29) Tetrahydrofuran	4.240	42	149149	59.624	ug/l	90
30) Chloroform	4.281	83	138197	10.437	ug/l	98
31) Cyclohexane	4.587	56	113783	11.279	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	127866	10.533	ug/l	98
36) 1,1-Dichloropropene	4.751	75	89493	10.923	ug/l	97
37) Ethyl Acetate	3.989	43	87506	10.390	ug/l	# 84
38) Carbon Tetrachloride	4.738	117	111116	10.128	ug/l	99
39) Methylcyclohexane	6.050	83	109123	10.424	ug/l	94
40) Benzene	5.015	78	280508	10.931	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.175	41	30444	9.563	ug/l #	84
42) 1,2-Dichloroethane	5.044	62	97528	10.396	ug/l	100
43) Isopropyl Acetate	5.198	43	129564	10.677	ug/l	97
44) Trichloroethene	5.838	130	72915	10.475	ug/l	96
45) 1,2-Dichloropropane	6.095	63	71544	11.625	ug/l	98
46) Dibromomethane	6.233	93	53591	10.378	ug/l	96
47) Bromodichloromethane	6.429	83	110590	10.523	ug/l	100
48) Methyl methacrylate	6.307	41	56711	10.553	ug/l	95
49) 1,4-Dioxane	6.297	88	22045	234.918	ug/l	98
51) 4-Methyl-2-Pentanone	7.150	43	461727	56.704	ug/l	98
52) Toluene	7.314	92	172633	10.622	ug/l	98
53) t-1,3-Dichloropropene	7.580	75	99499	10.127	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	111069	10.911	ug/l	96
55) 1,1,2-Trichloroethane	7.764	97	71784	10.130	ug/l	96
56) Ethyl methacrylate	7.719	69	86106	9.551	ug/l	98
57) 1,3-Dichloropropane	7.937	76	118588	10.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.815	63	228069	51.240	ug/l	95
59) 2-Hexanone	8.066	43	326400	47.855	ug/l	98
60) Dibromochloromethane	8.169	129	86741	10.138	ug/l	98
61) 1,2-Dibromoethane	8.278	107	77293	10.514	ug/l	99
64) Tetrachloroethene	7.899	164	62793	10.671	ug/l	94
65) Chlorobenzene	8.809	112	204181	10.709	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	73247	10.701	ug/l	98
67) Ethyl Benzene	8.940	91	305400	10.492	ug/l	97
68) m/p-Xylenes	9.066	106	243148	21.509	ug/l	99
69) o-Xylene	9.471	106	108544	10.535	ug/l	99
70) Styrene	9.490	104	180737	10.224	ug/l	97
71) Bromoform	9.657	173	57738	10.220	ug/l #	98
73) Isopropylbenzene	9.857	105	304887	10.650	ug/l	98
74) N-amyl acetate	9.728	43	107317	10.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	116729	10.267	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	84487	10.769	ug/l	98
77) Bromobenzene	10.143	156	79178	10.764	ug/l	97
78) n-propylbenzene	10.278	91	364482	10.663	ug/l	100
79) 2-Chlorotoluene	10.349	91	224105	10.682	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	255973	10.625	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	36554	10.605	ug/l	96
82) 4-Chlorotoluene	10.465	91	263869	11.155	ug/l	99
83) tert-Butylbenzene	10.789	119	248640	10.393	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	246385	10.686	ug/l	99
85) sec-Butylbenzene	11.014	105	330550	10.624	ug/l	99
86) p-Isopropyltoluene	11.169	119	286217	10.924	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	157122	10.818	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	171556	11.073	ug/l	97
89) n-Butylbenzene	11.580	91	258532	10.128	ug/l	97
90) Hexachloroethane	11.821	117	61451	10.148	ug/l	100
91) 1,2-Dichlorobenzene	11.571	146	145254	10.488	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.355	75	20672	9.348	ug/l	97
93) 1,2,4-Trichlorobenzene	13.188	180	82372	9.967	ug/l	100
94) Hexachlorobutadiene	13.368	225	43241	10.149	ug/l	99
95) Naphthalene	13.426	128	256131	9.821	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	87705	10.525	ug/l	100

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

