

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038827.D
 Acq On : 27 Jun 2025 10:26
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 28 03:59:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	543182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	900578	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	834884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	464034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	650313	92.998	ug/l	0.00
Spiked Amount 50.000			Recovery	=	186.000%	
35) Dibromofluoromethane	4.497	113	566223	96.906	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.820%	
50) Toluene-d8	7.233	98	1929675	96.657	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.320%	
62) 4-Bromofluorobenzene	9.998	95	763635	103.906	ug/l	0.00
Spiked Amount 50.000			Recovery	=	207.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	478287	92.755	ug/l	98
3) Chloromethane	1.230	50	587434	87.932	ug/l	100
4) Vinyl Chloride	1.298	62	641873	90.045	ug/l	98
5) Bromomethane	1.481	94	388642	105.513	ug/l	95
6) Chloroethane	1.552	64	411003	89.106	ug/l	98
7) Trichlorofluoromethane	1.722	101	941823	88.796	ug/l	100
8) Diethyl Ether	1.915	74	377205	93.083	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	571010	89.396	ug/l	99
10) Methyl Iodide	2.195	142	737467	100.815	ug/l	99
11) Tert butyl alcohol	2.574	59	626602	525.495	ug/l	100
12) 1,1-Dichloroethene	2.079	96	536883	99.571	ug/l	97
13) Acrolein	2.005	56	229299	509.252	ug/l	98
14) Allyl chloride	2.355	41	1001291	96.650	ug/l	99
15) Acrylonitrile	2.671	53	2053902	505.852	ug/l	99
16) Acetone	2.114	43	1525767	485.174	ug/l	100
17) Carbon Disulfide	2.249	76	1378281	101.123	ug/l	100
18) Methyl Acetate	2.375	43	1034468	102.665	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1941811	100.294	ug/l	100
20) Methylene Chloride	2.452	84	639111	87.315	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	582102	91.423	ug/l	98
22) Diisopropyl ether	3.211	45	2137047	101.931	ug/l	84
23) Vinyl Acetate	3.182	43	8946280	537.167	ug/l	100
24) 1,1-Dichloroethane	3.114	63	1155814	91.925	ug/l	99
25) 2-Butanone	3.854	43	2593673	551.420	ug/l	99
26) 2,2-Dichloropropane	3.809	77	1002255	94.641	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	705981	95.661	ug/l	100
28) Bromochloromethane	4.140	49	526268	89.683	ug/l	100
29) Tetrahydrofuran	4.223	42	1737622	507.493	ug/l	98
30) Chloroform	4.275	83	1168316	90.426	ug/l	99
31) Cyclohexane	4.580	56	940263	96.182	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	1009159	90.853	ug/l	99
36) 1,1-Dichloropropene	4.741	75	783585	91.534	ug/l	99
37) Ethyl Acetate	3.963	43	1047480	91.159	ug/l	97
38) Carbon Tetrachloride	4.735	117	856834	94.041	ug/l	100
39) Methylcyclohexane	6.043	83	1016133	105.787	ug/l	98
40) Benzene	5.005	78	2471560	97.586	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	507678	101.456	ug/l	98
42) 1,2-Dichloroethane	5.034	62	846052	92.614	ug/l	98
43) Isopropyl Acetate	5.185	43	1598546	114.444	ug/l	99
44) Trichloroethene	5.828	130	593267	97.603	ug/l	98
45) 1,2-Dichloropropane	6.085	63	657230	98.705	ug/l	100
46) Dibromomethane	6.220	93	460720	94.324	ug/l	99
47) Bromodichloromethane	6.423	83	952620	96.573	ug/l	99
48) Methyl methacrylate	6.288	41	762238	115.141	ug/l	99
49) 1,4-Dioxane	6.281	88	213965	2007.840	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	5546094	539.308	ug/l	100
52) Toluene	7.307	92	1549957	100.389	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	1004670	106.834	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	1073084	103.163	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	628929	94.406	ug/l	98
56) Ethyl methacrylate	7.712	69	1052769	115.996	ug/l	100
57) 1,3-Dichloropropane	7.931	76	1093199	99.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	2911141	516.536	ug/l	99
59) 2-Hexanone	8.059	43	4123427	569.231	ug/l	98
60) Dibromochloromethane	8.165	129	755019	97.750	ug/l	98
61) 1,2-Dibromoethane	8.272	107	673856	97.997	ug/l	99
64) Tetrachloroethene	7.895	164	533266	91.520	ug/l	98
65) Chlorobenzene	8.802	112	1753395	96.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	615371	95.320	ug/l	99
67) Ethyl Benzene	8.934	91	3039178	105.771	ug/l	100
68) m/p-Xylenes	9.059	106	2346115	216.793	ug/l	99
69) o-Xylene	9.468	106	1115046	110.149	ug/l	99
70) Styrene	9.484	104	1958594	114.571	ug/l	99
71) Bromoform	9.654	173	523628	100.669	ug/l #	99
73) Isopropylbenzene	9.854	105	3021026	106.780	ug/l	100
74) N-amyl acetate	9.722	43	1432967	116.166	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1098473	93.248	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	863788	96.838	ug/l	82
77) Bromobenzene	10.140	156	709422	99.455	ug/l	99
78) n-propylbenzene	10.278	91	3643550	106.491	ug/l	100
79) 2-Chlorotoluene	10.345	91	2107624	103.532	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	2551727	108.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	428826	111.332	ug/l	95
82) 4-Chlorotoluene	10.461	91	2499752	106.507	ug/l	99
83) tert-Butylbenzene	10.789	119	2527944	107.835	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2544679	111.625	ug/l	100
85) sec-Butylbenzene	11.011	105	3404806	110.115	ug/l	100
86) p-Isopropyltoluene	11.165	119	2860720	108.284	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1431882	98.623	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1461629	92.943	ug/l	98
89) n-Butylbenzene	11.577	91	2840093	110.997	ug/l	99
90) Hexachloroethane	11.821	117	562633	96.736	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	1385487	98.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	260356	104.250	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	937656	112.917	ug/l	100
94) Hexachlorobutadiene	13.368	225	394747	97.749	ug/l	99
95) Naphthalene	13.422	128	3425926	100.382	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	938607	110.029	ug/l	99

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

