

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063464.D
 Acq On : 08 Jul 2025 14:21
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 09 03:25:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/09/2025
 Supervised By :Semsettin Yesilyurt 07/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.358	168	162261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	282769	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	254804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	132823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	172300	83.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 166.460%#			
35) Dibromofluoromethane	5.274	113	142006	83.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 166.620%#			
50) Toluene-d8	7.888	98	473086	85.148	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 170.300%#			
62) 4-Bromofluorobenzene	10.624	95	207313	85.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 170.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	108812	84.318	ug/l	98
3) Chloromethane	1.515	50	119562	89.003	ug/l	100
4) Vinyl Chloride	1.599	62	144117	82.688	ug/l	98
5) Bromomethane	1.827	94	96181	78.765	ug/l	98
6) Chloroethane	1.914	64	93086	92.693	ug/l	98
7) Trichlorofluoromethane	2.123	101	237403	84.433	ug/l	99
8) Diethyl Ether	2.367	74	95230	81.269	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.567	101	140522	84.497	ug/l	98
10) Methyl Iodide	2.705	142	149057	85.807	ug/l	97
11) Tert butyl alcohol	3.194	59	317643	457.615	ug/l	98
12) 1,1-Dichloroethene	2.563	96	125685	80.339	ug/l	97
13) Acrolein	2.477	56	44158	450.705	ug/l	93
14) Allyl chloride	2.904	41	303822	80.414	ug/l	98
15) Acrylonitrile	3.303	53	697037	468.810	ug/l	98
16) Acetone	2.618	43	773634	445.475	ug/l	98
17) Carbon Disulfide	2.772	76	270616	91.360	ug/l	98
18) Methyl Acetate	2.940	43	397384	87.381	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	574388	86.031	ug/l	99
20) Methylene Chloride	3.026	84	165488	90.645	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	130476	90.902	ug/l	96
22) Diisopropyl ether	3.988	45	520674	82.984	ug/l	95
23) Vinyl Acetate	3.943	43	2301589	472.747	ug/l	99
24) 1,1-Dichloroethane	3.846	63	297823	83.636	ug/l	98
25) 2-Butanone	4.702	43	969268	497.173	ug/l	100
26) 2,2-Dichloropropane	4.644	77	268099	84.764	ug/l	98
27) cis-1,2-Dichloroethene	4.647	96	188011	85.641	ug/l	98
28) Bromochloromethane	4.956	49	139742	83.542	ug/l	99
29) Tetrahydrofuran	5.046	42	588667	455.690	ug/l	99
30) Chloroform	5.071	83	315979	84.047	ug/l	99
31) Cyclohexane	5.367	56	229724m	80.140	ug/l	
32) 1,1,1-Trichloroethane	5.296	97	274220	85.663	ug/l	100
36) 1,1-Dichloropropene	5.509	75	194253	83.873	ug/l	99
37) Ethyl Acetate	4.801	43	325140	84.958	ug/l	99
38) Carbon Tetrachloride	5.505	117	217574	85.261	ug/l	97
39) Methylcyclohexane	6.747	83	226716	81.015	ug/l	97
40) Benzene	5.759	78	622962	86.128	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.962	41	170222	99.145	ug/l	98
42) 1,2-Dichloroethane	5.779	62	239302	87.987	ug/l	99
43) Isopropyl Acetate	5.907	43	479710	96.287	ug/l	100
44) Trichloroethene	6.528	130	160244	82.787	ug/l	99
45) 1,2-Dichloropropane	6.779	63	172734	85.906	ug/l	99
46) Dibromomethane	6.904	93	128060	89.513	ug/l	99
47) Bromodichloromethane	7.094	83	256442	86.205	ug/l	99
48) Methyl methacrylate	6.952	41	218467	94.876	ug/l	99
49) 1,4-Dioxane	6.959	88	93843	1857.210	ug/l	99
51) 4-Methyl-2-Pentanone	7.782	43	1681919	466.426	ug/l	99
52) Toluene	7.959	92	403391	85.266	ug/l	96
53) t-1,3-Dichloropropene	8.200	75	259411	99.653	ug/l	99
54) cis-1,3-Dichloropropene	7.595	75	275357	94.492	ug/l	99
55) 1,1,2-Trichloroethane	8.390	97	170257	84.740	ug/l	96
56) Ethyl methacrylate	8.325	69	290488	89.629	ug/l	98
57) 1,3-Dichloropropane	8.563	76	287847	86.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.457	63	18568	551.723	ug/l	99
59) 2-Hexanone	8.676	43	1297484	475.720	ug/l	100
60) Dibromochloromethane	8.798	129	205975	91.514	ug/l	100
61) 1,2-Dibromoethane	8.914	107	168789	85.595	ug/l	100
64) Tetrachloroethene	8.544	164	154415	81.407	ug/l	97
65) Chlorobenzene	9.438	112	464557	87.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.525	131	167019	91.867	ug/l	98
67) Ethyl Benzene	9.560	91	794354	87.185	ug/l	99
68) m/p-Xylenes	9.685	106	610840	175.669	ug/l	92
69) o-Xylene	10.090	106	308430	87.244	ug/l	99
70) Styrene	10.103	104	521837	92.834	ug/l	99
71) Bromoform	10.280	173	153072	96.597	ug/l #	100
73) Isopropylbenzene	10.473	105	802031	88.743	ug/l	99
74) N-amyl acetate	10.309	43	405146	99.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	311484	93.631	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	321639	91.386	ug/l #	81
77) Bromobenzene	10.772	156	200996	90.729	ug/l	98
78) n-propylbenzene	10.897	91	953929	91.013	ug/l	100
79) 2-Chlorotoluene	10.978	91	604210	91.917	ug/l	100
80) 1,3,5-Trimethylbenzene	11.078	105	710622	89.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	65510	92.833	ug/l	98
82) 4-Chlorotoluene	11.087	91	696195	93.290	ug/l	99
83) tert-Butylbenzene	11.412	119	679000	89.569	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	711774	91.694	ug/l	100
85) sec-Butylbenzene	11.634	105	895518	89.523	ug/l	100
86) p-Isopropyltoluene	11.785	119	751724	92.630	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	385767	90.365	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	388861	89.442	ug/l	100
89) n-Butylbenzene	12.200	91	725461	96.586	ug/l	99
90) Hexachloroethane	12.467	117	132203	97.401	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	381133	91.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.984	75	79786	101.264	ug/l	97
93) 1,2,4-Trichlorobenzene	13.830	180	262144	98.331	ug/l	99
94) Hexachlorobutadiene	14.013	225	109266	95.881	ug/l	97
95) Naphthalene	14.077	128	880356	100.835	ug/l	100
96) 1,2,3-Trichlorobenzene	14.319	180	253138	96.620	ug/l	99

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

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