

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087931.D
 Acq On : 23 Sep 2025 15:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092325

Quant Time: Sep 24 05:21:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	109	0.00
2 T	Dichlorodifluoromethane	50.000	50.496	-1.0	121	0.00
3 P	Chloromethane	50.000	48.962	2.1	119	0.00
4 C	Vinyl Chloride	50.000	49.253	1.5#	117	0.00
5 T	Bromomethane	50.000	54.504	-9.0	139	0.00
6 T	Chloroethane	50.000	49.650	0.7	120	0.00
7 T	Trichlorofluoromethane	50.000	48.650	2.7	118	0.00
8 T	Diethyl Ether	50.000	49.015	2.0	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.535	4.9	113	0.00
10 T	Methyl Iodide	50.000	58.041	-16.1	128	0.00
11 T	Tert butyl alcohol	250.000	270.566	-8.2	133	0.00
12 CM	1,1-Dichloroethene	50.000	50.568	-1.1#	123	0.00
13 T	Acrolein	250.000	247.902	0.8	140	0.00
14 T	Allyl chloride	50.000	50.343	-0.7	123	0.00
15 T	Acrylonitrile	250.000	250.533	-0.2	119	0.00
16 T	Acetone	250.000	248.497	0.6	126	0.00
17 T	Carbon Disulfide	50.000	48.521	3.0	117	0.00
18 T	Methyl Acetate	50.000	52.501	-5.0	122	0.00
19 T	Methyl tert-butyl Ether	50.000	52.201	-4.4	122	0.00
20 T	Methylene Chloride	50.000	47.732	4.5	117	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.395	1.2	121	0.00
22 T	Diisopropyl ether	50.000	51.790	-3.6	123	0.00
23 T	Vinyl Acetate	250.000	259.965	-4.0	121	0.00
24 P	1,1-Dichloroethane	50.000	49.382	1.2	119	0.00
25 T	2-Butanone	250.000	261.219	-4.5	126	0.00
26 T	2,2-Dichloropropane	50.000	50.261	-0.5	122	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.099	-0.2	121	0.00
28 T	Bromochloromethane	50.000	45.070	9.9	94	0.00
29 T	Tetrahydrofuran	250.000	256.481	-2.6	122	0.00
30 C	Chloroform	50.000	49.224	1.6#	119	0.00
31 T	Cyclohexane	50.000	47.692	4.6	118	0.00
32 T	1,1,1-Trichloroethane	50.000	50.001	-0.0	122	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.678	12.6	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	43.369	13.3	91	0.00
36 T	1,1-Dichloropropene	50.000	51.628	-3.3	119	0.00
37 T	Ethyl Acetate	50.000	49.529	0.9	115	0.00
38 T	Carbon Tetrachloride	50.000	51.149	-2.3	120	0.00
39 T	Methylcyclohexane	50.000	53.190	-6.4	124	0.00
40 TM	Benzene	50.000	51.160	-2.3	118	0.00
41 T	Methacrylonitrile	50.000	51.681	-3.4	115	0.00
42 TM	1,2-Dichloroethane	50.000	49.739	0.5	120	0.00
43 T	Isopropyl Acetate	50.000	51.950	-3.9	121	0.00
44 TM	Trichloroethene	50.000	50.817	-1.6	120	0.00
45 C	1,2-Dichloropropane	50.000	50.566	-1.1#	119	0.00
46 T	Dibromomethane	50.000	50.925	-1.8	121	0.00
47 T	Bromodichloromethane	50.000	50.858	-1.7	118	0.00
48 T	Methyl methacrylate	50.000	53.199	-6.4	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1167.270	-16.7	138	0.00
50 S	Toluene-d8	50.000	44.774	10.5	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.261	-4.9	119	0.00
52 CM	Toluene	50.000	50.722	-1.4#	117	0.00
53 T	t-1,3-Dichloropropene	50.000	52.296	-4.6	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.268	-2.5	121	0.00
55 T	1,1,2-Trichloroethane	50.000	50.476	-1.0	119	0.00
56 T	Ethyl methacrylate	50.000	54.367	-8.7	122	0.00
57 T	1,3-Dichloropropane	50.000	52.219	-4.4	121	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.766	-18.3	146	0.00
59 T	2-Hexanone	250.000	278.348	-11.3	121	0.00
60 T	Dibromochloromethane	50.000	52.185	-4.4	122	0.00
61 T	1,2-Dibromoethane	50.000	51.598	-3.2	120	0.00
62 S	4-Bromofluorobenzene	50.000	44.319	11.4	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	51.272	-2.5	115	0.00
65 PM	Chlorobenzene	50.000	52.168	-4.3	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.557	-5.1	119	0.00
67 C	Ethyl Benzene	50.000	53.183	-6.4#	121	0.00
68 T	m/p-Xylenes	100.000	108.396	-8.4	119	0.00
69 T	o-Xylene	50.000	54.342	-8.7	122	0.00
70 T	Styrene	50.000	55.451	-10.9	120	0.00
71 P	Bromoform	50.000	53.524	-7.0	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	56.136	-12.3	121	0.00
74 T	N-ethyl acetate	50.000	55.590	-11.2	125	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.011	-2.0	113	0.00
76 T	1,2,3-Trichloropropane	50.000	54.509	-9.0	121	0.00
77 T	Bromobenzene	50.000	53.546	-7.1	120	0.00
78 T	n-propylbenzene	50.000	55.165	-10.3	120	0.00
79 T	2-Chlorotoluene	50.000	54.089	-8.2	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.572	-13.1	123	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.132	-12.3	126	0.00
82 T	4-Chlorotoluene	50.000	55.531	-11.1	120	0.00
83 T	tert-Butylbenzene	50.000	56.083	-12.2	120	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.971	-11.9	119	0.00
85 T	sec-Butylbenzene	50.000	55.512	-11.0	120	0.00
86 T	p-Isopropyltoluene	50.000	56.387	-12.8	121	0.00
87 T	1,3-Dichlorobenzene	50.000	52.877	-5.8	118	0.00
88 T	1,4-Dichlorobenzene	50.000	53.418	-6.8	122	0.00
89 T	n-Butylbenzene	50.000	55.337	-10.7	121	0.00
90 T	Hexachloroethane	50.000	51.641	-3.3	117	0.00
91 T	1,2-Dichlorobenzene	50.000	54.018	-8.0	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.268	-2.5	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.519	-9.0	123	0.00
94 T	Hexachlorobutadiene	50.000	53.402	-6.8	119	0.00
95 T	Naphthalene	50.000	56.013	-12.0	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.441	-8.9	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6