

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087335.D
 Acq On : 16 Jul 2025 19:59
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071625

Quant Time: Jul 17 03:00:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	58.029	-16.1	107	0.00
3 P	Chloromethane	50.000	50.986	-2.0	107	0.00
4 C	Vinyl Chloride	50.000	53.589	-7.2#	106	0.00
5 T	Bromomethane	50.000	58.322	-16.6	122	0.00
6 T	Chloroethane	50.000	49.172	1.7	105	0.00
7 T	Trichlorofluoromethane	50.000	49.336	1.3	103	0.00
8 T	Diethyl Ether	50.000	50.861	-1.7	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.520	1.0	103	0.00
10 T	Methyl Iodide	50.000	50.369	-0.7	115	0.00
11 T	Tert butyl alcohol	250.000	262.884	-5.2	114	0.00
12 CM	1,1-Dichloroethene	50.000	45.432	9.1#	103	0.00
13 T	Acrolein	250.000	277.145	-10.9	128	0.00
14 T	Allyl chloride	50.000	49.004	2.0	110	0.00
15 T	Acrylonitrile	250.000	252.616	-1.0	106	0.00
16 T	Acetone	250.000	237.913	4.8	106	0.00
17 T	Carbon Disulfide	50.000	49.947	0.1	106	0.00
18 T	Methyl Acetate	50.000	49.111	1.8	107	0.00
19 T	Methyl tert-butyl Ether	50.000	50.939	-1.9	107	0.00
20 T	Methylene Chloride	50.000	49.445	1.1	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.283	5.4	101	0.00
22 T	Diisopropyl ether	50.000	51.191	-2.4	105	0.00
23 T	Vinyl Acetate	250.000	273.101	-9.2	106	0.00
24 P	1,1-Dichloroethane	50.000	48.170	3.7	107	0.00
25 T	2-Butanone	250.000	255.411	-2.2	106	0.00
26 T	2,2-Dichloropropane	50.000	45.700	8.6	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.543	-1.1	106	0.00
28 T	Bromochloromethane	50.000	49.089	1.8	107	0.00
29 T	Tetrahydrofuran	250.000	260.404	-4.2	106	0.00
30 C	Chloroform	50.000	48.306	3.4#	103	0.00
31 T	Cyclohexane	50.000	49.042	1.9	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.412	1.2	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.204	3.6	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	49.934	0.1	109	0.00
36 T	1,1-Dichloropropene	50.000	53.690	-7.4	106	0.00
37 T	Ethyl Acetate	50.000	53.525	-7.0	105	0.00
38 T	Carbon Tetrachloride	50.000	52.821	-5.6	108	0.00
39 T	Methylcyclohexane	50.000	53.109	-6.2	104	0.00
40 TM	Benzene	50.000	52.380	-4.8	105	0.00
41 T	Methacrylonitrile	50.000	53.895	-7.8	106	0.00
42 TM	1,2-Dichloroethane	50.000	50.821	-1.6	105	0.00
43 T	Isopropyl Acetate	50.000	53.477	-7.0	108	0.00
44 TM	Trichloroethene	50.000	49.731	0.5	102	0.00
45 C	1,2-Dichloropropane	50.000	52.900	-5.8#	106	0.00
46 T	Dibromomethane	50.000	51.241	-2.5	105	0.00
47 T	Bromodichloromethane	50.000	51.696	-3.4	108	0.00
48 T	Methyl methacrylate	50.000	56.096	-12.2	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1177.300	-17.7	109	0.00
50 S	Toluene-d8	50.000	51.573	-3.1	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.966	-7.6	106	0.00
52 CM	Toluene	50.000	52.236	-4.5#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	54.628	-9.3	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.351	-6.7	105	0.00
55 T	1,1,2-Trichloroethane	50.000	49.889	0.2	104	0.00
56 T	Ethyl methacrylate	50.000	53.042	-6.1	109	0.00
57 T	1,3-Dichloropropane	50.000	52.202	-4.4	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.088	-14.0	103	0.00
59 T	2-Hexanone	250.000	288.579	-15.4	105	0.00
60 T	Dibromochloromethane	50.000	52.685	-5.4	107	0.00
61 T	1,2-Dibromoethane	50.000	51.746	-3.5	108	0.00
62 S	4-Bromofluorobenzene	50.000	52.942	-5.9	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	47.819	4.4	102	0.00
65 PM	Chlorobenzene	50.000	48.477	3.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.530	-1.1	105	0.00
67 C	Ethyl Benzene	50.000	51.523	-3.0#	104	0.00
68 T	m/p-Xylenes	100.000	105.269	-5.3	102	0.00
69 T	o-Xylene	50.000	53.221	-6.4	104	0.00
70 T	Styrene	50.000	54.477	-9.0	103	0.00
71 P	Bromoform	50.000	51.987	-4.0	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	54.619	-9.2	107	0.00
74 T	N-amyl acetate	50.000	49.972	0.1	121	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.580	-3.2	107	0.00
76 T	1,2,3-Trichloropropane	50.000	46.955	6.1	93	0.00
77 T	Bromobenzene	50.000	52.368	-4.7	104	0.00
78 T	n-propylbenzene	50.000	53.661	-7.3	104	0.00
79 T	2-Chlorotoluene	50.000	52.475	-5.0	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.071	-8.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.080	-2.2	109	0.00
82 T	4-Chlorotoluene	50.000	52.464	-4.9	106	0.00
83 T	tert-Butylbenzene	50.000	55.349	-10.7	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.773	-9.5	105	0.00
85 T	sec-Butylbenzene	50.000	52.800	-5.6	105	0.00
86 T	p-Isopropyltoluene	50.000	54.982	-10.0	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.809	-3.6	105	0.00
88 T	1,4-Dichlorobenzene	50.000	49.381	1.2	105	0.00
89 T	n-Butylbenzene	50.000	53.250	-6.5	105	0.00
90 T	Hexachloroethane	50.000	48.870	2.3	102	0.00
91 T	1,2-Dichlorobenzene	50.000	51.485	-3.0	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.035	1.9	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.351	-4.7	105	0.00
94 T	Hexachlorobutadiene	50.000	50.273	-0.5	107	0.00
95 T	Naphthalene	50.000	55.585	-11.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.890	-5.8	108	0.00

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