

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087351.D
 Acq On : 17 Jul 2025 17:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:30:04 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	155	0.00
2 T	Dichlorodifluoromethane	50.000	50.897	-1.8	134	0.00
3 P	Chloromethane	50.000	46.815	6.4	140	0.00
4 C	Vinyl Chloride	50.000	47.516	5.0#	134	0.00
5 T	Bromomethane	50.000	50.804	-1.6	152	0.00
6 T	Chloroethane	50.000	44.767	10.5	136	0.00
7 T	Trichlorofluoromethane	50.000	44.783	10.4	133	0.00
8 T	Diethyl Ether	50.000	48.950	2.1	146	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.619	10.8	133	0.01
10 T	Methyl Iodide	50.000	60.003	-20.0	199	0.00
11 T	Tert butyl alcohol	250.000	225.469	9.8	140	0.00
12 CM	1,1-Dichloroethene	50.000	43.089	13.8#	140	0.00
13 T	Acrolein	250.000	240.382	3.8	159	0.00
14 T	Allyl chloride	50.000	43.886	12.2	140	0.00
15 T	Acrylonitrile	250.000	228.969	8.4	137	0.00
16 T	Acetone	250.000	200.614	19.8	128	0.00
17 T	Carbon Disulfide	50.000	44.860	10.3	135	0.00
18 T	Methyl Acetate	50.000	43.754	12.5	136	0.00
19 T	Methyl tert-butyl Ether	50.000	51.183	-2.4	154	0.00
20 T	Methylene Chloride	50.000	46.771	6.5	145	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.631	10.7	136	0.00
22 T	Diisopropyl ether	50.000	47.979	4.0	141	0.00
23 T	Vinyl Acetate	250.000	253.791	-1.5	141	0.00
24 P	1,1-Dichloroethane	50.000	45.514	9.0	144	0.00
25 T	2-Butanone	250.000	226.205	9.5	134	0.00
26 T	2,2-Dichloropropane	50.000	42.087	15.8	129	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.535	2.9	145	0.00
28 T	Bromochloromethane	50.000	48.550	2.9	151	0.00
29 T	Tetrahydrofuran	250.000	225.728	9.7	131	0.00
30 C	Chloroform	50.000	46.495	7.0#	141	0.00
31 T	Cyclohexane	50.000	46.726	6.5	144	0.00
32 T	1,1,1-Trichloroethane	50.000	46.311	7.4	143	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.141	1.7	161	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	160	0.00
35 S	Dibromofluoromethane	50.000	49.274	1.5	164	0.00
36 T	1,1-Dichloropropene	50.000	46.868	6.3	141	0.00
37 T	Ethyl Acetate	50.000	44.446	11.1	133	0.00
38 T	Carbon Tetrachloride	50.000	46.230	7.5	144	0.00
39 T	Methylcyclohexane	50.000	50.481	-1.0	151	0.00
40 TM	Benzene	50.000	46.156	7.7	140	0.00
41 T	Methacrylonitrile	50.000	46.472	7.1	139	0.00
42 TM	1,2-Dichloroethane	50.000	44.559	10.9	141	0.00
43 T	Isopropyl Acetate	50.000	45.952	8.1	141	0.00
44 TM	Trichloroethene	50.000	45.824	8.4	144	0.00
45 C	1,2-Dichloropropane	50.000	46.060	7.9#	140	0.00
46 T	Dibromomethane	50.000	45.363	9.3	141	0.00
47 T	Bromodichloromethane	50.000	44.913	10.2	143	0.00
48 T	Methyl methacrylate	50.000	47.682	4.6	139	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	803.276	19.7	114	0.00
50 S	Toluene-d8	50.000	50.157	-0.3	162	0.00
51 T	4-Methyl-2-Pentanone	250.000	222.937	10.8	134	0.00
52 CM	Toluene	50.000	46.988	6.0#	140	0.00
53 T	t-1,3-Dichloropropene	50.000	48.316	3.4	143	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.866	2.3	146	0.00
55 T	1,1,2-Trichloroethane	50.000	45.540	8.9	144	0.00
56 T	Ethyl methacrylate	50.000	48.353	3.3	150	0.00
57 T	1,3-Dichloropropane	50.000	47.198	5.6	145	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.545	-3.4	143	0.00
59 T	2-Hexanone	250.000	239.310	4.3	133	0.00
60 T	Dibromochloromethane	50.000	47.144	5.7	145	0.00
61 T	1,2-Dibromoethane	50.000	46.327	7.3	147	0.00
62 S	4-Bromofluorobenzene	50.000	52.366	-4.7	168	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	154	0.00
64 T	Tetrachloroethene	50.000	45.979	8.0	142	0.00
65 PM	Chlorobenzene	50.000	46.564	6.9	144	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.200	3.6	145	0.00
67 C	Ethyl Benzene	50.000	48.701	2.6#	143	0.00
68 T	m/p-Xylenes	100.000	99.749	0.3	140	0.00
69 T	o-Xylene	50.000	51.188	-2.4	144	0.00
70 T	Styrene	50.000	51.010	-2.0	139	0.00
71 P	Bromoform	50.000	48.109	3.8	139	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	147	0.00
73 T	Isopropylbenzene	50.000	53.771	-7.5	146	0.00
74 T	N-ethyl acetate	50.000	50.389	-0.8	170	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.082	5.8	135	0.00
76 T	1,2,3-Trichloropropane	50.000	49.024	2.0	135	0.00
77 T	Bromobenzene	50.000	51.133	-2.3	141	0.00
78 T	n-propylbenzene	50.000	51.058	-2.1	138	0.00
79 T	2-Chlorotoluene	50.000	51.122	-2.2	144	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.498	-7.0	144	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.412	-0.8	150	0.00
82 T	4-Chlorotoluene	50.000	49.650	0.7	139	0.00
83 T	tert-Butylbenzene	50.000	54.556	-9.1	148	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.531	-5.1	140	0.00
85 T	sec-Butylbenzene	50.000	51.699	-3.4	143	0.00
86 T	p-Isopropyltoluene	50.000	54.984	-10.0	146	0.00
87 T	1,3-Dichlorobenzene	50.000	48.453	3.1	137	0.00
88 T	1,4-Dichlorobenzene	50.000	46.289	7.4	136	0.00
89 T	n-Butylbenzene	50.000	51.858	-3.7	142	0.00
90 T	Hexachloroethane	50.000	49.528	0.9	144	0.00
91 T	1,2-Dichlorobenzene	50.000	49.945	0.1	141	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.204	13.6	130	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.225	-2.5	143	0.00
94 T	Hexachlorobutadiene	50.000	53.205	-6.4	157	0.00
95 T	Naphthalene	50.000	54.970	-9.9	148	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.173	-2.3	146	0.00

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