

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087946.D
 Acq On : 24 Sep 2025 15:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 03:11:38 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	47.088	5.8	76	0.00
3 P	Chloromethane	50.000	63.432	-26.9#	103	0.00
4 C	Vinyl Chloride	50.000	57.264	-14.5#	92	0.00
5 T	Bromomethane	50.000	59.841	-19.7	103	0.00
6 T	Chloroethane	50.000	60.793	-21.6	98	0.00
7 T	Trichlorofluoromethane	50.000	51.054	-2.1	83	0.00
8 T	Diethyl Ether	50.000	68.156	-36.3#	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.290	-4.6	84	-0.01
10 T	Methyl Iodide	50.000	62.990	-26.0#	93	0.00
11 T	Tert butyl alcohol	250.000	335.146	-34.1#	110	0.00
12 CM	1,1-Dichloroethene	50.000	55.655	-11.3#	91	0.00
13 T	Acrolein	250.000	331.462	-32.6#	126	0.00
14 T	Allyl chloride	50.000	60.405	-20.8	99	0.00
15 T	Acrylonitrile	250.000	349.466	-39.8#	112	0.00
16 T	Acetone	250.000	302.214	-20.9	103	0.00
17 T	Carbon Disulfide	50.000	52.920	-5.8	85	0.00
18 T	Methyl Acetate	50.000	76.990	-54.0#	120	0.00
19 T	Methyl tert-butyl Ether	50.000	70.007	-40.0#	110	0.00
20 T	Methylene Chloride	50.000	63.490	-27.0#	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.196	-12.4	93	0.00
22 T	Diisopropyl ether	50.000	69.653	-39.3#	111	0.00
23 T	Vinyl Acetate	250.000	384.310	-53.7#	121	0.00
24 P	1,1-Dichloroethane	50.000	63.010	-26.0#	102	0.00
25 T	2-Butanone	250.000	335.072	-34.0#	108	0.00
26 T	2,2-Dichloropropane	50.000	46.941	6.1	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	63.573	-27.1#	103	0.00
28 T	Bromochloromethane	50.000	55.374	-10.7	77	0.00
29 T	Tetrahydrofuran	250.000	356.641	-42.7#	114	0.00
30 C	Chloroform	50.000	63.946	-27.9#	104	0.00
31 T	Cyclohexane	50.000	47.671	4.7	80	0.00
32 T	1,1,1-Trichloroethane	50.000	56.515	-13.0	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.850	-21.7	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	55.091	-10.2	84	0.00
36 T	1,1-Dichloropropene	50.000	52.377	-4.8	87	0.00
37 T	Ethyl Acetate	50.000	68.130	-36.3#	114	0.00
38 T	Carbon Tetrachloride	50.000	50.841	-1.7	86	0.00
39 T	Methylcyclohexane	50.000	48.656	2.7	82	0.00
40 TM	Benzene	50.000	57.413	-14.8	96	0.00
41 T	Methacrylonitrile	50.000	66.179	-32.4#	106	0.00
42 TM	1,2-Dichloroethane	50.000	61.532	-23.1	107	0.00
43 T	Isopropyl Acetate	50.000	66.919	-33.8#	113	0.00
44 TM	Trichloroethene	50.000	51.577	-3.2	88	0.00
45 C	1,2-Dichloropropane	50.000	59.864	-19.7#	102	0.00
46 T	Dibromomethane	50.000	65.506	-31.0#	112	0.00
47 T	Bromodichloromethane	50.000	61.161	-22.3	103	0.00
48 T	Methyl methacrylate	50.000	67.281	-34.6#	113	0.00

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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)
49 T	1,4-Dioxane	1000.000	1286.412	-28.6#	110	0.00
50 S	Toluene-d8	50.000	48.560	2.9	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	341.845	-36.7#	112	0.00
52 CM	Toluene	50.000	53.692	-7.4#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	58.698	-17.4	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.269	-14.5	98	0.00
55 T	1,1,2-Trichloroethane	50.000	63.034	-26.1#	107	0.00
56 T	Ethyl methacrylate	50.000	67.349	-34.7#	109	0.00
57 T	1,3-Dichloropropane	50.000	65.239	-30.5#	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	408.567	-63.4#	146	0.00
59 T	2-Hexanone	250.000	355.596	-42.2#	112	0.00
60 T	Dibromochloromethane	50.000	62.454	-24.9	105	0.00
61 T	1,2-Dibromoethane	50.000	62.391	-24.8	105	0.00
62 S	4-Bromofluorobenzene	50.000	48.117	3.8	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	51.403	-2.8	81	0.00
65 PM	Chlorobenzene	50.000	54.728	-9.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.093	-20.2	95	0.00
67 C	Ethyl Benzene	50.000	53.348	-6.7#	85	0.00
68 T	m/p-Xylenes	100.000	109.529	-9.5	84	0.00
69 T	o-Xylene	50.000	55.763	-11.5	88	0.00
70 T	Styrene	50.000	56.970	-13.9	87	0.00
71 P	Bromoform	50.000	66.253	-32.5#	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	55.214	-10.4	83	0.00
74 T	N-ethyl acetate	50.000	46.070	7.9	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	68.560	-37.1#	106	0.00
76 T	1,2,3-Trichloropropane	50.000	61.226	-22.5	94	0.00
77 T	Bromobenzene	50.000	57.482	-15.0	90	0.00
78 T	n-propylbenzene	50.000	54.955	-9.9	83	0.00
79 T	2-Chlorotoluene	50.000	54.282	-8.6	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.560	-11.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	66.525	-33.1#	104	0.00
82 T	4-Chlorotoluene	50.000	56.222	-12.4	84	0.00
83 T	tert-Butylbenzene	50.000	54.927	-9.9	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.074	-12.1	83	0.00
85 T	sec-Butylbenzene	50.000	54.055	-8.1	81	0.00
86 T	p-Isopropyltoluene	50.000	55.003	-10.0	82	0.00
87 T	1,3-Dichlorobenzene	50.000	55.335	-10.7	86	0.00
88 T	1,4-Dichlorobenzene	50.000	54.165	-8.3	86	0.00
89 T	n-Butylbenzene	50.000	54.021	-8.0	82	0.00
90 T	Hexachloroethane	50.000	54.033	-8.1	85	0.00
91 T	1,2-Dichlorobenzene	50.000	56.823	-13.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.101	-26.2#	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.044	-8.1	85	0.00
94 T	Hexachlorobutadiene	50.000	54.327	-8.7	85	0.00
95 T	Naphthalene	50.000	62.180	-24.4	95	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	56.345	-12.7	87	0.00

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