

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087550.D
 Acq On : 13 Aug 2025 20:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 04:09:24 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	134	0.00
2 T	Dichlorodifluoromethane	50.000	59.538	-19.1	136	0.00
3 P	Chloromethane	50.000	50.032	-0.1	130	0.00
4 C	Vinyl Chloride	50.000	55.348	-10.7#	135	0.00
5 T	Bromomethane	50.000	53.913	-7.8	140	0.00
6 T	Chloroethane	50.000	56.739	-13.5	149	0.00
7 T	Trichlorofluoromethane	50.000	55.539	-11.1	143	0.00
8 T	Diethyl Ether	50.000	61.996	-24.0	160	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.685	-11.4	143	0.00
10 T	Methyl Iodide	50.000	37.224	25.6#	100	0.00
11 T	Tert butyl alcohol	250.000	296.817	-18.7	160	0.00
12 CM	1,1-Dichloroethene	50.000	51.151	-2.3#	144	0.00
13 T	Acrolein	250.000	254.845	-1.9	146	0.00
14 T	Allyl chloride	50.000	54.071	-8.1	150	0.00
15 T	Acrylonitrile	250.000	275.452	-10.2	143	0.00
16 T	Acetone	250.000	280.209	-12.1	155	0.00
17 T	Carbon Disulfide	50.000	45.645	8.7	120	0.01
18 T	Methyl Acetate	50.000	64.777	-29.6#	175	0.01
19 T	Methyl tert-butyl Ether	50.000	61.454	-22.9	160	0.00
20 T	Methylene Chloride	50.000	54.865	-9.7	147	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.722	-1.4	134	0.00
22 T	Diisopropyl ether	50.000	61.686	-23.4	157	0.00
23 T	Vinyl Acetate	250.000	319.688	-27.9#	154	0.00
24 P	1,1-Dichloroethane	50.000	55.063	-10.1	151	0.00
25 T	2-Butanone	250.000	289.223	-15.7	148	0.00
26 T	2,2-Dichloropropane	50.000	50.670	-1.3	135	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.264	-14.5	148	0.00
28 T	Bromochloromethane	50.000	57.757	-15.5	156	0.00
29 T	Tetrahydrofuran	250.000	291.618	-16.6	147	0.00
30 C	Chloroform	50.000	58.406	-16.8#	153	0.00
31 T	Cyclohexane	50.000	53.454	-6.9	143	0.00
32 T	1,1,1-Trichloroethane	50.000	56.994	-14.0	153	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.821	-19.6	170	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	149	0.00
35 S	Dibromofluoromethane	50.000	51.353	-2.7	159	0.00
36 T	1,1-Dichloropropene	50.000	51.601	-3.2	144	0.00
37 T	Ethyl Acetate	50.000	52.287	-4.6	146	0.00
38 T	Carbon Tetrachloride	50.000	48.852	2.3	142	0.00
39 T	Methylcyclohexane	50.000	52.523	-5.0	146	0.00
40 TM	Benzene	50.000	51.898	-3.8	147	0.00
41 T	Methacrylonitrile	50.000	55.773	-11.5	156	0.00
42 TM	1,2-Dichloroethane	50.000	53.083	-6.2	156	0.00
43 T	Isopropyl Acetate	50.000	55.755	-11.5	159	0.00
44 TM	Trichloroethene	50.000	47.681	4.6	139	0.00
45 C	1,2-Dichloropropane	50.000	53.317	-6.6#	151	0.00
46 T	Dibromomethane	50.000	52.156	-4.3	151	0.00
47 T	Bromodichloromethane	50.000	53.692	-7.4	159	0.00
48 T	Methyl methacrylate	50.000	57.621	-15.2	157	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	1113.351	-11.3	146	0.00
50 S	Toluene-d8	50.000	51.726	-3.5	155	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.217	-11.3	156	0.00
52 CM	Toluene	50.000	53.020	-6.0#	147	0.00
53 T	t-1,3-Dichloropropene	50.000	54.001	-8.0	148	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.818	-7.6	150	0.00
55 T	1,1,2-Trichloroethane	50.000	53.449	-6.9	158	0.00
56 T	Ethyl methacrylate	50.000	54.407	-8.8	158	0.00
57 T	1,3-Dichloropropane	50.000	53.851	-7.7	154	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	309.815	-23.9	159	0.00
59 T	2-Hexanone	250.000	293.966	-17.6	152	0.00
60 T	Dibromochloromethane	50.000	51.725	-3.5	149	0.00
61 T	1,2-Dibromoethane	50.000	52.182	-4.4	154	0.00
62 S	4-Bromofluorobenzene	50.000	54.535	-9.1	163	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	150	0.00
64 T	Tetrachloroethene	50.000	45.470	9.1	137	0.00
65 PM	Chlorobenzene	50.000	50.008	-0.0	151	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.480	-3.0	150	0.00
67 C	Ethyl Benzene	50.000	53.868	-7.7#	154	0.00
68 T	m/p-Xylenes	100.000	106.493	-6.5	146	0.00
69 T	o-Xylene	50.000	55.446	-10.9	152	0.00
70 T	Styrene	50.000	57.242	-14.5	152	0.00
71 P	Bromoform	50.000	48.261	3.5	136	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	146	0.00
73 T	Isopropylbenzene	50.000	57.718	-15.4	157	0.00
74 T	N-amyl acetate	50.000	48.368	3.3	163	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.899	-9.8	158	0.00
76 T	1,2,3-Trichloropropane	50.000	56.756	-13.5	156	0.00
77 T	Bromobenzene	50.000	53.228	-6.5	146	0.00
78 T	n-propylbenzene	50.000	56.533	-13.1	153	0.00
79 T	2-Chlorotoluene	50.000	56.106	-12.2	158	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.223	-16.4	156	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.470	1.1	147	0.00
82 T	4-Chlorotoluene	50.000	55.152	-10.3	155	0.00
83 T	tert-Butylbenzene	50.000	58.444	-16.9	158	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.921	-15.8	155	0.00
85 T	sec-Butylbenzene	50.000	57.067	-14.1	158	0.00
86 T	p-Isopropyltoluene	50.000	58.790	-17.6	156	0.00
87 T	1,3-Dichlorobenzene	50.000	51.824	-3.6	147	0.00
88 T	1,4-Dichlorobenzene	50.000	49.865	0.3	147	0.00
89 T	n-Butylbenzene	50.000	59.960	-19.9	164	0.00
90 T	Hexachloroethane	50.000	51.920	-3.8	151	0.00
91 T	1,2-Dichlorobenzene	50.000	53.442	-6.9	151	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.742	0.5	150	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.891	-5.8	147	0.00
94 T	Hexachlorobutadiene	50.000	50.424	-0.8	149	0.00
95 T	Naphthalene	50.000	56.493	-13.0	152	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	51.013	-2.0	145	0.00

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