

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087703.D
 Acq On : 02 Sep 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 03 01:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	46.272	7.5	84	0.00
3 P	Chloromethane	50.000	44.365	11.3	85	0.00
4 C	Vinyl Chloride	50.000	44.481	11.0#	87	0.00
5 T	Bromomethane	50.000	44.304	11.4	90	0.00
6 T	Chloroethane	50.000	42.545	14.9	87	0.00
7 T	Trichlorofluoromethane	50.000	45.435	9.1	92	0.00
8 T	Diethyl Ether	50.000	44.327	11.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.754	12.5	92	0.00
10 T	Methyl Iodide	50.000	41.033	17.9	90	0.00
11 T	Tert butyl alcohol	250.000	228.094	8.8	92	0.00
12 CM	1,1-Dichloroethene	50.000	42.841	14.3#	92	0.00
13 T	Acrolein	250.000	189.590	24.2	80	0.00
14 T	Allyl chloride	50.000	47.432	5.1	104	0.00
15 T	Acrylonitrile	250.000	219.095	12.4	92	0.00
16 T	Acetone	250.000	214.551	14.2	95	0.00
17 T	Carbon Disulfide	50.000	41.001	18.0	85	0.00
18 T	Methyl Acetate	50.000	47.210	5.6	99	0.00
19 T	Methyl tert-butyl Ether	50.000	45.447	9.1	94	0.00
20 T	Methylene Chloride	50.000	44.512	11.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	41.007	18.0	89	0.00
22 T	Diisopropyl ether	50.000	45.126	9.7	92	0.00
23 T	Vinyl Acetate	250.000	223.852	10.5	89	0.00
24 P	1,1-Dichloroethane	50.000	44.046	11.9	94	0.00
25 T	2-Butanone	250.000	217.364	13.1	91	0.00
26 T	2,2-Dichloropropane	50.000	44.780	10.4	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.973	12.1	91	0.00
28 T	Bromochloromethane	50.000	42.779	14.4	95	0.00
29 T	Tetrahydrofuran	250.000	211.470	15.4	88	0.00
30 C	Chloroform	50.000	44.692	10.6#	93	0.00
31 T	Cyclohexane	50.000	41.411	17.2	90	0.00
32 T	1,1,1-Trichloroethane	50.000	43.559	12.9	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.067	11.9	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	45.301	9.4	98	0.00
36 T	1,1-Dichloropropene	50.000	43.007	14.0	90	0.00
37 T	Ethyl Acetate	50.000	42.729	14.5	87	0.00
38 T	Carbon Tetrachloride	50.000	46.426	7.1	94	0.00
39 T	Methylcyclohexane	50.000	43.190	13.6	89	0.00
40 TM	Benzene	50.000	44.979	10.0	91	0.00
41 T	Methacrylonitrile	50.000	44.500	11.0	90	0.00
42 TM	1,2-Dichloroethane	50.000	44.105	11.8	88	0.00
43 T	Isopropyl Acetate	50.000	45.559	8.9	90	0.00
44 TM	Trichloroethene	50.000	44.257	11.5	91	0.00
45 C	1,2-Dichloropropane	50.000	43.512	13.0#	90	0.00
46 T	Dibromomethane	50.000	45.473	9.1	91	0.00
47 T	Bromodichloromethane	50.000	47.165	5.7	96	0.00
48 T	Methyl methacrylate	50.000	44.344	11.3	89	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	1031.248	-3.1	96	0.00
50 S	Toluene-d8	50.000	45.199	9.6	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.314	7.5	89	0.00
52 CM	Toluene	50.000	44.493	11.0#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	47.734	4.5	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.583	4.8	93	0.00
55 T	1,1,2-Trichloroethane	50.000	45.372	9.3	91	0.00
56 T	Ethyl methacrylate	50.000	49.853	0.3	92	0.00
57 T	1,3-Dichloropropane	50.000	45.409	9.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.789	0.1	99	0.00
59 T	2-Hexanone	250.000	253.693	-1.5	89	0.00
60 T	Dibromochloromethane	50.000	46.621	6.8	94	0.00
61 T	1,2-Dibromoethane	50.000	46.472	7.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	45.478	9.0	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	42.807	14.4	92	0.00
65 PM	Chlorobenzene	50.000	45.951	8.1	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.532	2.9	92	0.00
67 C	Ethyl Benzene	50.000	46.692	6.6#	91	0.00
68 T	m/p-Xylenes	100.000	95.086	4.9	90	0.00
69 T	o-Xylene	50.000	47.388	5.2	89	0.00
70 T	Styrene	50.000	49.562	0.9	90	0.00
71 P	Bromoform	50.000	48.755	2.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	46.007	8.0	90	0.00
74 T	N-ethyl acetate	50.000	46.759	6.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.571	6.9	93	0.00
76 T	1,2,3-Trichloropropane	50.000	50.240	-0.5	108	0.00
77 T	Bromobenzene	50.000	46.016	8.0	91	0.00
78 T	n-propylbenzene	50.000	46.128	7.7	89	0.00
79 T	2-Chlorotoluene	50.000	46.084	7.8	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.956	8.1	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.021	-0.0	96	0.00
82 T	4-Chlorotoluene	50.000	44.921	10.2	88	0.00
83 T	tert-Butylbenzene	50.000	46.616	6.8	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.329	5.3	91	0.00
85 T	sec-Butylbenzene	50.000	45.646	8.7	90	0.00
86 T	p-Isopropyltoluene	50.000	46.282	7.4	90	0.00
87 T	1,3-Dichlorobenzene	50.000	45.618	8.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	44.497	11.0	91	0.00
89 T	n-Butylbenzene	50.000	44.927	10.1	88	0.00
90 T	Hexachloroethane	50.000	47.367	5.3	94	0.00
91 T	1,2-Dichlorobenzene	50.000	45.970	8.1	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.530	14.9	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.031	9.9	92	0.00
94 T	Hexachlorobutadiene	50.000	39.956	20.1	84	0.00
95 T	Naphthalene	50.000	45.482	9.0	90	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	44.546	10.9	91	0.00

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