

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086911.D
 Acq On : 09 Jun 2025 17:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 10 03:36:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	50.059	-0.1	114	0.00
3 P	Chloromethane	50.000	41.991	16.0	103	0.00
4 C	Vinyl Chloride	50.000	48.209	3.6#	114	0.00
5 T	Bromomethane	50.000	46.171	7.7	110	0.00
6 T	Chloroethane	50.000	47.736	4.5	115	0.00
7 T	Trichlorofluoromethane	50.000	49.022	2.0	116	0.00
8 T	Diethyl Ether	50.000	51.339	-2.7	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.882	4.2	115	0.00
10 T	Methyl Iodide	50.000	40.037	19.9	95	0.00
11 T	Tert butyl alcohol	250.000	220.221	11.9	104	-0.01
12 CM	1,1-Dichloroethene	50.000	49.484	1.0#	118	0.00
13 T	Acrolein	250.000	268.707	-7.5	156	0.00
14 T	Allyl chloride	50.000	43.274	13.5	105	0.00
15 T	Acrylonitrile	250.000	236.533	5.4	113	0.00
16 T	Acetone	250.000	212.908	14.8	107	0.00
17 T	Carbon Disulfide	50.000	46.119	7.8	114	0.01
18 T	Methyl Acetate	50.000	46.298	7.4	111	0.00
19 T	Methyl tert-butyl Ether	50.000	49.762	0.5	118	0.00
20 T	Methylene Chloride	50.000	47.218	5.6	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.524	5.0	118	0.00
22 T	Diisopropyl ether	50.000	46.864	6.3	112	0.00
23 T	Vinyl Acetate	250.000	236.538	5.4	112	0.00
24 P	1,1-Dichloroethane	50.000	48.185	3.6	116	0.00
25 T	2-Butanone	250.000	223.226	10.7	107	0.00
26 T	2,2-Dichloropropane	50.000	45.651	8.7	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.555	0.9	120	0.00
28 T	Bromochloromethane	50.000	42.885	14.2	116	0.00
29 T	Tetrahydrofuran	250.000	223.263	10.7	107	0.00
30 C	Chloroform	50.000	48.104	3.8#	116	0.00
31 T	Cyclohexane	50.000	41.219	17.6	102	0.00
32 T	1,1,1-Trichloroethane	50.000	47.273	5.5	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.675	4.7	146	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	52.094	-4.2	156	0.00
36 T	1,1-Dichloropropene	50.000	49.276	1.4	115	0.00
37 T	Ethyl Acetate	50.000	45.818	8.4	107	0.00
38 T	Carbon Tetrachloride	50.000	49.468	1.1	116	0.00
39 T	Methylcyclohexane	50.000	42.563	14.9	100	0.00
40 TM	Benzene	50.000	48.968	2.1	117	0.00
41 T	Methacrylonitrile	50.000	45.470	9.1	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.191	1.6	116	0.00
43 T	Isopropyl Acetate	50.000	46.408	7.2	109	0.00
44 TM	Trichloroethene	50.000	51.528	-3.1	120	0.00
45 C	1,2-Dichloropropane	50.000	48.774	2.5#	115	0.00
46 T	Dibromomethane	50.000	51.401	-2.8	120	0.00
47 T	Bromodichloromethane	50.000	49.584	0.8	115	0.00
48 T	Methyl methacrylate	50.000	46.955	6.1	110	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	987.483	1.3	106	0.00
50 S	Toluene-d8	50.000	50.734	-1.5	153	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.688	3.3	108	0.00
52 CM	Toluene	50.000	50.283	-0.6#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	50.452	-0.9	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.698	0.6	115	0.00
55 T	1,1,2-Trichloroethane	50.000	50.511	-1.0	118	0.00
56 T	Ethyl methacrylate	50.000	54.356	-8.7	117	0.00
57 T	1,3-Dichloropropane	50.000	49.842	0.3	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.785	6.9	122	0.00
59 T	2-Hexanone	250.000	254.927	-2.0	108	0.00
60 T	Dibromochloromethane	50.000	53.046	-6.1	122	0.00
61 T	1,2-Dibromoethane	50.000	51.729	-3.5	121	0.00
62 S	4-Bromofluorobenzene	50.000	49.889	0.2	149	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	48.432	3.1	113	0.00
65 PM	Chlorobenzene	50.000	50.938	-1.9	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.211	-4.4	119	0.00
67 C	Ethyl Benzene	50.000	49.375	1.3#	114	0.00
68 T	m/p-Xylenes	100.000	101.613	-1.6	115	0.00
69 T	o-Xylene	50.000	51.686	-3.4	116	0.00
70 T	Styrene	50.000	52.227	-4.5	116	0.00
71 P	Bromoform	50.000	55.815	-11.6	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	49.532	0.9	108	0.00
74 T	N-amyl acetate	50.000	57.797	-15.6	119	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.379	-4.8	113	0.00
76 T	1,2,3-Trichloropropane	50.000	52.621	-5.2	109	0.00
77 T	Bromobenzene	50.000	54.629	-9.3	118	0.00
78 T	n-propylbenzene	50.000	48.282	3.4	104	0.00
79 T	2-Chlorotoluene	50.000	49.742	0.5	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.531	0.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.576	-7.2	119	0.00
82 T	4-Chlorotoluene	50.000	50.037	-0.1	109	0.00
83 T	tert-Butylbenzene	50.000	46.828	6.3	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.201	-0.4	107	0.00
85 T	sec-Butylbenzene	50.000	46.581	6.8	100	0.00
86 T	p-Isopropyltoluene	50.000	47.459	5.1	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.035	-2.1	111	0.00
88 T	1,4-Dichlorobenzene	50.000	51.354	-2.7	112	0.00
89 T	n-Butylbenzene	50.000	43.927	12.1	94	0.00
90 T	Hexachloroethane	50.000	48.549	2.9	104	0.00
91 T	1,2-Dichlorobenzene	50.000	51.939	-3.9	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.871	2.3	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.826	8.3	98	0.00
94 T	Hexachlorobutadiene	50.000	39.949	20.1	85	0.00
95 T	Naphthalene	50.000	53.593	-7.2	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.434	11.1	96	0.00

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