

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087676.D
 Acq On : 28 Aug 2025 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:14:24 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	55.435	-10.9	83	0.00
3 P	Chloromethane	50.000	53.699	-7.4	84	0.00
4 C	Vinyl Chloride	50.000	52.872	-5.7#	85	0.00
5 T	Bromomethane	50.000	50.966	-1.9	85	0.00
6 T	Chloroethane	50.000	51.697	-3.4	87	0.00
7 T	Trichlorofluoromethane	50.000	54.965	-9.9	92	0.00
8 T	Diethyl Ether	50.000	49.351	1.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.443	-2.9	89	0.00
10 T	Methyl Iodide	50.000	40.497	19.0	73	0.00
11 T	Tert butyl alcohol	250.000	240.765	3.7	80	0.00
12 CM	1,1-Dichloroethene	50.000	50.163	-0.3#	88	0.00
13 T	Acrolein	250.000	259.517	-3.8	90	0.00
14 T	Allyl chloride	50.000	41.455	17.1	75	0.00
15 T	Acrylonitrile	250.000	249.769	0.1	86	0.00
16 T	Acetone	250.000	219.470	12.2	80	0.00
17 T	Carbon Disulfide	50.000	48.308	3.4	82	0.00
18 T	Methyl Acetate	50.000	56.085	-12.2	97	0.00
19 T	Methyl tert-butyl Ether	50.000	50.629	-1.3	86	0.00
20 T	Methylene Chloride	50.000	51.079	-2.2	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.940	4.1	85	0.00
22 T	Diisopropyl ether	50.000	51.946	-3.9	87	0.00
23 T	Vinyl Acetate	250.000	247.874	0.9	81	0.00
24 P	1,1-Dichloroethane	50.000	49.195	1.6	87	0.00
25 T	2-Butanone	250.000	241.104	3.6	83	0.00
26 T	2,2-Dichloropropane	50.000	23.443	53.1#	40	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.956	2.1	83	0.00
28 T	Bromochloromethane	50.000	50.563	-1.1	92	0.00
29 T	Tetrahydrofuran	250.000	253.557	-1.4	87	0.00
30 C	Chloroform	50.000	51.272	-2.5#	88	0.00
31 T	Cyclohexane	50.000	48.814	2.4	87	0.00
32 T	1,1,1-Trichloroethane	50.000	50.884	-1.8	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.196	-8.4	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	55.233	-10.5	100	0.00
36 T	1,1-Dichloropropene	50.000	49.487	1.0	87	0.00
37 T	Ethyl Acetate	50.000	48.759	2.5	84	0.00
38 T	Carbon Tetrachloride	50.000	53.190	-6.4	90	0.00
39 T	Methylcyclohexane	50.000	48.753	2.5	85	0.00
40 TM	Benzene	50.000	51.233	-2.5	87	0.00
41 T	Methacrylonitrile	50.000	50.147	-0.3	85	0.00
42 TM	1,2-Dichloroethane	50.000	51.255	-2.5	87	0.00
43 T	Isopropyl Acetate	50.000	51.212	-2.4	85	0.00
44 TM	Trichloroethene	50.000	49.177	1.6	85	0.00
45 C	1,2-Dichloropropane	50.000	49.364	1.3#	86	0.00
46 T	Dibromomethane	50.000	51.624	-3.2	87	0.00
47 T	Bromodichloromethane	50.000	51.437	-2.9	88	0.00
48 T	Methyl methacrylate	50.000	51.516	-3.0	87	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	1075.707	-7.6	84	0.00
50 S	Toluene-d8	50.000	54.855	-9.7	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.341	-6.9	87	0.00
52 CM	Toluene	50.000	51.637	-3.3#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	45.756	8.5	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.063	7.9	76	0.00
55 T	1,1,2-Trichloroethane	50.000	51.683	-3.4	87	0.00
56 T	Ethyl methacrylate	50.000	54.397	-8.8	84	0.00
57 T	1,3-Dichloropropane	50.000	52.831	-5.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.710	-3.1	86	0.00
59 T	2-Hexanone	250.000	286.566	-14.6	85	0.00
60 T	Dibromochloromethane	50.000	51.204	-2.4	87	0.00
61 T	1,2-Dibromoethane	50.000	50.918	-1.8	85	0.00
62 S	4-Bromofluorobenzene	50.000	55.582	-11.2	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	51.738	-3.5	96	0.00
65 PM	Chlorobenzene	50.000	49.980	0.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.319	-6.6	88	0.00
67 C	Ethyl Benzene	50.000	51.689	-3.4#	87	0.00
68 T	m/p-Xylenes	100.000	104.095	-4.1	85	0.00
69 T	o-Xylene	50.000	51.788	-3.6	84	0.00
70 T	Styrene	50.000	54.320	-8.6	85	0.00
71 P	Bromoform	50.000	52.519	-5.0	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	51.259	-2.5	86	0.00
74 T	N-ethyl acetate	50.000	48.410	3.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.356	-2.7	88	0.00
76 T	1,2,3-Trichloropropane	50.000	48.580	2.8	89	0.00
77 T	Bromobenzene	50.000	50.404	-0.8	86	0.00
78 T	n-propylbenzene	50.000	51.887	-3.8	86	0.00
79 T	2-Chlorotoluene	50.000	51.657	-3.3	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.601	-3.2	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.186	19.6	66	0.00
82 T	4-Chlorotoluene	50.000	50.080	-0.2	84	0.00
83 T	tert-Butylbenzene	50.000	53.098	-6.2	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.018	-6.0	87	0.00
85 T	sec-Butylbenzene	50.000	52.260	-4.5	88	0.00
86 T	p-Isopropyltoluene	50.000	51.831	-3.7	86	0.00
87 T	1,3-Dichlorobenzene	50.000	50.301	-0.6	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.275	1.5	87	0.00
89 T	n-Butylbenzene	50.000	50.490	-1.0	85	0.00
90 T	Hexachloroethane	50.000	54.847	-9.7	94	0.00
91 T	1,2-Dichlorobenzene	50.000	50.985	-2.0	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.921	2.2	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.741	2.5	85	0.00
94 T	Hexachlorobutadiene	50.000	46.900	6.2	85	0.00
95 T	Naphthalene	50.000	50.044	-0.1	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.847	2.3	85	0.00

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