

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087847.D
 Acq On : 16 Sep 2025 13:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 01:19:11 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	51.823	-3.6	93	0.00
3 P	Chloromethane	50.000	49.922	0.2	93	0.00
4 C	Vinyl Chloride	50.000	48.605	2.8#	93	0.00
5 T	Bromomethane	50.000	56.992	-14.0	113	-0.02
6 T	Chloroethane	50.000	46.480	7.0	94	0.00
7 T	Trichlorofluoromethane	50.000	50.968	-1.9	101	-0.01
8 T	Diethyl Ether	50.000	47.204	5.6	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.690	0.6	102	0.00
10 T	Methyl Iodide	50.000	49.892	0.2	111	0.00
11 T	Tert butyl alcohol	250.000	245.456	1.8	97	0.01
12 CM	1,1-Dichloroethene	50.000	47.305	5.4#	99	0.00
13 T	Acrolein	250.000	306.284	-22.5	127	0.00
14 T	Allyl chloride	50.000	50.391	-0.8	108	0.00
15 T	Acrylonitrile	250.000	252.369	-0.9	104	0.00
16 T	Acetone	250.000	219.048	12.4	95	0.00
17 T	Carbon Disulfide	50.000	49.974	0.1	101	0.00
18 T	Methyl Acetate	50.000	53.395	-6.8	110	0.00
19 T	Methyl tert-butyl Ether	50.000	51.280	-2.6	103	0.00
20 T	Methylene Chloride	50.000	52.170	-4.3	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.209	3.6	102	0.00
22 T	Diisopropyl ether	50.000	49.251	1.5	99	0.00
23 T	Vinyl Acetate	250.000	247.925	0.8	96	0.00
24 P	1,1-Dichloroethane	50.000	47.768	4.5	100	0.00
25 T	2-Butanone	250.000	242.652	2.9	99	0.00
26 T	2,2-Dichloropropane	50.000	48.448	3.1	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.864	0.3	101	0.00
28 T	Bromochloromethane	50.000	68.823	-37.6#	150	0.00
29 T	Tetrahydrofuran	250.000	251.193	-0.5	102	0.00
30 C	Chloroform	50.000	50.401	-0.8#	103	0.00
31 T	Cyclohexane	50.000	47.712	4.6	102	0.00
32 T	1,1,1-Trichloroethane	50.000	48.810	2.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.823	-7.6	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	63.355	-26.7#	127	0.00
36 T	1,1-Dichloropropene	50.000	51.052	-2.1	99	0.00
37 T	Ethyl Acetate	50.000	52.691	-5.4	100	0.00
38 T	Carbon Tetrachloride	50.000	55.898	-11.8	105	0.00
39 T	Methylcyclohexane	50.000	55.073	-10.1	106	0.00
40 TM	Benzene	50.000	52.922	-5.8	99	0.00
41 T	Methacrylonitrile	50.000	52.473	-4.9	98	0.00
42 TM	1,2-Dichloroethane	50.000	52.815	-5.6	98	0.00
43 T	Isopropyl Acetate	50.000	53.402	-6.8	98	0.00
44 TM	Trichloroethene	50.000	54.860	-9.7	105	0.00
45 C	1,2-Dichloropropane	50.000	52.528	-5.1#	101	0.00
46 T	Dibromomethane	50.000	56.246	-12.5	104	0.00
47 T	Bromodichloromethane	50.000	55.758	-11.5	106	0.00
48 T	Methyl methacrylate	50.000	53.245	-6.5	99	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	1166.875	-16.7	101	0.00
50 S	Toluene-d8	50.000	59.144	-18.3	121	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.953	-9.6	98	0.00
52 CM	Toluene	50.000	54.261	-8.5#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	56.779	-13.6	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.121	-12.2	102	0.00
55 T	1,1,2-Trichloroethane	50.000	57.374	-14.7	106	0.00
56 T	Ethyl methacrylate	50.000	58.065	-16.1	99	0.00
57 T	1,3-Dichloropropane	50.000	55.253	-10.5	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.885	-2.4	94	0.00
59 T	2-Hexanone	250.000	295.539	-18.2	97	0.00
60 T	Dibromochloromethane	50.000	57.409	-14.8	108	0.00
61 T	1,2-Dibromoethane	50.000	57.833	-15.7	107	0.00
62 S	4-Bromofluorobenzene	50.000	64.046	-28.1#	127	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	53.644	-7.3	111	0.00
65 PM	Chlorobenzene	50.000	53.293	-6.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.880	-17.8	108	0.00
67 C	Ethyl Benzene	50.000	54.491	-9.0#	102	0.00
68 T	m/p-Xylenes	100.000	113.180	-13.2	103	0.00
69 T	o-Xylene	50.000	55.603	-11.2	101	0.00
70 T	Styrene	50.000	57.974	-15.9	102	0.00
71 P	Bromoform	50.000	63.713	-27.4#	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	49.681	0.6	102	0.00
74 T	N-ethyl acetate	50.000	43.009	14.0	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.367	-0.7	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.230	3.5	108	0.00
77 T	Bromobenzene	50.000	53.044	-6.1	110	0.00
78 T	n-propylbenzene	50.000	50.543	-1.1	103	0.00
79 T	2-Chlorotoluene	50.000	49.565	0.9	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.039	-2.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.803	-7.6	108	0.00
82 T	4-Chlorotoluene	50.000	49.180	1.6	101	0.00
83 T	tert-Butylbenzene	50.000	52.096	-4.2	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.018	-4.0	105	0.00
85 T	sec-Butylbenzene	50.000	52.481	-5.0	108	0.00
86 T	p-Isopropyltoluene	50.000	53.083	-6.2	108	0.00
87 T	1,3-Dichlorobenzene	50.000	52.429	-4.9	110	0.00
88 T	1,4-Dichlorobenzene	50.000	51.672	-3.3	111	0.00
89 T	n-Butylbenzene	50.000	52.997	-6.0	109	0.00
90 T	Hexachloroethane	50.000	54.904	-9.8	115	0.00
91 T	1,2-Dichlorobenzene	50.000	52.963	-5.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.587	0.8	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.445	-12.9	121	0.00
94 T	Hexachlorobutadiene	50.000	60.079	-20.2	132	0.00
95 T	Naphthalene	50.000	53.862	-7.7	111	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	55.379	-10.8	118	0.00

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