

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088303.D
 Acq On : 17 Nov 2025 15:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 18 03:01:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	41.263	17.5	70	0.00
3 P	Chloromethane	50.000	47.300	5.4	83	0.00
4 C	Vinyl Chloride	50.000	45.913	8.2#	78	0.00
5 T	Bromomethane	50.000	43.647	12.7	76	0.00
6 T	Chloroethane	50.000	43.839	12.3	76	0.00
7 T	Trichlorofluoromethane	50.000	42.522	15.0	70	0.00
8 T	Diethyl Ether	50.000	48.805	2.4	90	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.381	9.2	78	0.00
10 T	Methyl Iodide	50.000	51.774	-3.5	85	0.00
11 T	Tert butyl alcohol	250.000	258.272	-3.3	91	0.01
12 CM	1,1-Dichloroethene	50.000	41.867	16.3#	78	0.00
13 T	Acrolein	250.000	362.258	-44.9#	134	0.00
14 T	Allyl chloride	50.000	49.033	1.9	91	0.00
15 T	Acrylonitrile	250.000	289.841	-15.9	99	0.00
16 T	Acetone	250.000	297.060	-18.8	111	0.00
17 T	Carbon Disulfide	50.000	41.253	17.5	73	0.00
18 T	Methyl Acetate	50.000	62.504	-25.0#	111	0.00
19 T	Methyl tert-butyl Ether	50.000	53.769	-7.5	95	0.00
20 T	Methylene Chloride	50.000	49.746	0.5	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.087	3.8	85	0.00
22 T	Diisopropyl ether	50.000	56.086	-12.2	94	0.00
23 T	Vinyl Acetate	250.000	281.765	-12.7	93	0.00
24 P	1,1-Dichloroethane	50.000	53.212	-6.4	91	0.00
25 T	2-Butanone	250.000	299.235	-19.7	101	0.00
26 T	2,2-Dichloropropane	50.000	50.056	-0.1	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.830	-1.7	88	0.00
28 T	Bromochloromethane	50.000	56.510	-13.0	80	0.00
29 T	Tetrahydrofuran	250.000	288.295	-15.3	99	0.00
30 C	Chloroform	50.000	55.517	-11.0#	94	0.00
31 T	Cyclohexane	50.000	42.076	15.8	72	0.00
32 T	1,1,1-Trichloroethane	50.000	49.981	0.0	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.542	0.9	73	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	47.685	4.6	72	0.00
36 T	1,1-Dichloropropene	50.000	47.924	4.2	82	0.00
37 T	Ethyl Acetate	50.000	54.969	-9.9	100	0.00
38 T	Carbon Tetrachloride	50.000	50.251	-0.5	86	0.00
39 T	Methylcyclohexane	50.000	38.689	22.6	66	0.00
40 TM	Benzene	50.000	51.174	-2.3	89	0.00
41 T	Methacrylonitrile	50.000	53.423	-6.8	93	0.00
42 TM	1,2-Dichloroethane	50.000	55.938	-11.9	96	0.00
43 T	Isopropyl Acetate	50.000	56.261	-12.5	95	0.00
44 TM	Trichloroethene	50.000	47.882	4.2	83	0.00
45 C	1,2-Dichloropropane	50.000	53.661	-7.3#	93	0.00
46 T	Dibromomethane	50.000	54.316	-8.6	95	0.00
47 T	Bromodichloromethane	50.000	55.579	-11.2	96	0.00
48 T	Methyl methacrylate	50.000	56.245	-12.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1148.596	-14.9	103	0.00
50 S	Toluene-d8	50.000	42.803	14.4	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.556	-19.4	100	0.00
52 CM	Toluene	50.000	49.482	1.0#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	54.698	-9.4	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.193	-8.4	93	0.00
55 T	1,1,2-Trichloroethane	50.000	53.475	-7.0	94	0.00
56 T	Ethyl methacrylate	50.000	55.575	-11.2	91	0.00
57 T	1,3-Dichloropropane	50.000	55.251	-10.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	318.380	-27.4#	106	0.00
59 T	2-Hexanone	250.000	309.040	-23.6	100	0.00
60 T	Dibromochloromethane	50.000	55.326	-10.7	95	0.00
61 T	1,2-Dibromoethane	50.000	52.676	-5.4	93	0.00
62 S	4-Bromofluorobenzene	50.000	43.638	12.7	64	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	45.645	8.7	84	0.00
65 PM	Chlorobenzene	50.000	49.019	2.0	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.756	-5.5	91	0.00
67 C	Ethyl Benzene	50.000	48.037	3.9#	83	0.00
68 T	m/p-Xylenes	100.000	95.009	5.0	80	0.00
69 T	o-Xylene	50.000	49.153	1.7	83	0.00
70 T	Styrene	50.000	51.368	-2.7	84	0.00
71 P	Bromoform	50.000	55.736	-11.5	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	45.445	9.1	78	0.00
74 T	N-ethyl acetate	50.000	48.607	2.8	82	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	52.844	-5.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	45.655	8.7	80	0.00
77 T	Bromobenzene	50.000	52.010	-4.0	89	0.00
78 T	n-propylbenzene	50.000	46.620	6.8	79	0.00
79 T	2-Chlorotoluene	50.000	49.501	1.0	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.036	5.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.439	-0.9	93	0.00
82 T	4-Chlorotoluene	50.000	47.655	4.7	84	0.00
83 T	tert-Butylbenzene	50.000	43.836	12.3	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.025	4.0	81	0.00
85 T	sec-Butylbenzene	50.000	43.358	13.3	74	0.00
86 T	p-Isopropyltoluene	50.000	45.837	8.3	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.147	1.7	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.543	4.9	86	0.00
89 T	n-Butylbenzene	50.000	43.756	12.5	73	0.00
90 T	Hexachloroethane	50.000	47.022	6.0	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.381	3.2	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.833	-5.7	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.313	7.4	81	0.00
94 T	Hexachlorobutadiene	50.000	44.814	10.4	78	0.00
95 T	Naphthalene	50.000	48.102	3.8	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.169	9.7	81	0.00

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