

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088516.D
 Acq On : 16 Dec 2025 10:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 17 01:35:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 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	138	0.00
2 T	Dichlorodifluoromethane	50.000	45.331	9.3	127	0.00
3 P	Chloromethane	50.000	43.842	12.3	122	0.00
4 C	Vinyl Chloride	50.000	45.556	8.9#	127	0.00
5 T	Bromomethane	50.000	44.875	10.3	124	0.00
6 T	Chloroethane	50.000	46.856	6.3	130	0.00
7 T	Trichlorofluoromethane	50.000	47.848	4.3	140	0.00
8 T	Diethyl Ether	50.000	48.219	3.6	130	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.453	1.1	149	0.00
10 T	Methyl Iodide	50.000	42.119	15.8	107	0.00
11 T	Tert butyl alcohol	250.000	177.794	28.9#	92	0.00
12 CM	1,1-Dichloroethene	50.000	47.061	5.9#	140	0.00
13 T	Acrolein	250.000	148.589	40.6#	78	0.00
14 T	Allyl chloride	50.000	43.275	13.5	118	0.00
15 T	Acrylonitrile	250.000	239.295	4.3	123	0.00
16 T	Acetone	250.000	193.928	22.4	109	0.00
17 T	Carbon Disulfide	50.000	42.279	15.4	118	0.00
18 T	Methyl Acetate	50.000	49.180	1.6	131	0.00
19 T	Methyl tert-butyl Ether	50.000	48.325	3.3	122	0.00
20 T	Methylene Chloride	50.000	46.064	7.9	123	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.598	4.8	130	0.00
22 T	Diisopropyl ether	50.000	48.244	3.5	125	0.00
23 T	Vinyl Acetate	250.000	262.478	-5.0	132	0.00
24 P	1,1-Dichloroethane	50.000	47.404	5.2	126	-0.01
25 T	2-Butanone	250.000	220.539	11.8	112	0.00
26 T	2,2-Dichloropropane	50.000	48.902	2.2	133	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.350	5.3	124	0.00
28 T	Bromochloromethane	50.000	48.534	2.9	124	0.00
29 T	Tetrahydrofuran	250.000	236.561	5.4	120	0.00
30 C	Chloroform	50.000	48.721	2.6#	130	0.00
31 T	Cyclohexane	50.000	45.626	8.7	138	0.00
32 T	1,1,1-Trichloroethane	50.000	47.788	4.4	135	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.650	4.7	124	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	123	0.00
35 S	Dibromofluoromethane	50.000	53.492	-7.0	131	0.00
36 T	1,1-Dichloropropene	50.000	48.911	2.2	131	0.00
37 T	Ethyl Acetate	50.000	47.942	4.1	116	0.00
38 T	Carbon Tetrachloride	50.000	53.488	-7.0	141	0.00
39 T	Methylcyclohexane	50.000	49.072	1.9	131	0.00
40 TM	Benzene	50.000	51.242	-2.5	127	0.00
41 T	Methacrylonitrile	50.000	49.379	1.2	119	0.00
42 TM	1,2-Dichloroethane	50.000	51.409	-2.8	123	0.00
43 T	Isopropyl Acetate	50.000	48.186	3.6	114	0.00
44 TM	Trichloroethene	50.000	48.751	2.5	125	0.00
45 C	1,2-Dichloropropane	50.000	51.484	-3.0#	126	0.00
46 T	Dibromomethane	50.000	51.511	-3.0	125	0.00
47 T	Bromodichloromethane	50.000	52.406	-4.8	128	0.00
48 T	Methyl methacrylate	50.000	50.641	-1.3	119	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	885.785	11.4	103	0.00
50 S	Toluene-d8	50.000	52.596	-5.2	130	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.234	-3.3	120	0.00
52 CM	Toluene	50.000	53.956	-7.9#	132	0.00
53 T	t-1,3-Dichloropropene	50.000	52.239	-4.5	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.566	-5.1	124	0.00
55 T	1,1,2-Trichloroethane	50.000	53.775	-7.5	132	0.00
56 T	Ethyl methacrylate	50.000	56.390	-12.8	125	0.00
57 T	1,3-Dichloropropane	50.000	53.307	-6.6	129	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.904	-12.8	122	0.00
59 T	2-Hexanone	250.000	264.999	-6.0	120	0.00
60 T	Dibromochloromethane	50.000	55.096	-10.2	133	0.00
61 T	1,2-Dibromoethane	50.000	52.488	-5.0	125	0.00
62 S	4-Bromofluorobenzene	50.000	53.114	-6.2	129	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	127	0.00
64 T	Tetrachloroethene	50.000	43.957	12.1	118	0.00
65 PM	Chlorobenzene	50.000	50.293	-0.6	130	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.434	-4.9	132	0.00
67 C	Ethyl Benzene	50.000	50.682	-1.4#	131	0.00
68 T	m/p-Xylenes	100.000	103.083	-3.1	130	0.00
69 T	o-Xylene	50.000	50.568	-1.1	128	0.00
70 T	Styrene	50.000	54.454	-8.9	131	0.00
71 P	Bromoform	50.000	56.691	-13.4	140	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	128	0.00
73 T	Isopropylbenzene	50.000	50.746	-1.5	132	0.00
74 T	N-ethyl acetate	50.000	51.295	-2.6	158	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.916	-1.8	138	0.00
76 T	1,2,3-Trichloropropane	50.000	49.142	1.7	122	0.00
77 T	Bromobenzene	50.000	51.726	-3.5	130	0.00
78 T	n-propylbenzene	50.000	49.983	0.0	130	0.00
79 T	2-Chlorotoluene	50.000	48.082	3.8	126	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.183	-0.4	129	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.211	-10.4	135	0.00
82 T	4-Chlorotoluene	50.000	51.791	-3.6	127	0.00
83 T	tert-Butylbenzene	50.000	47.513	5.0	126	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.904	-1.8	127	0.00
85 T	sec-Butylbenzene	50.000	49.163	1.7	130	0.00
86 T	p-Isopropyltoluene	50.000	49.296	1.4	127	0.00
87 T	1,3-Dichlorobenzene	50.000	50.077	-0.2	131	0.00
88 T	1,4-Dichlorobenzene	50.000	48.919	2.2	128	0.00
89 T	n-Butylbenzene	50.000	46.018	8.0	122	0.00
90 T	Hexachloroethane	50.000	46.825	6.3	125	0.00
91 T	1,2-Dichlorobenzene	50.000	50.376	-0.8	131	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.035	3.9	123	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.092	7.8	122	0.00
94 T	Hexachlorobutadiene	50.000	46.291	7.4	132	0.00
95 T	Naphthalene	50.000	48.587	2.8	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.039	7.9	120	0.00

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