

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087282.D
 Acq On : 07 Jul 2025 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 08 01:26:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 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	185	0.00
2 T	Dichlorodifluoromethane	50.000	48.561	2.9	173	0.00
3 P	Chloromethane	50.000	44.414	11.2	166	0.00
4 C	Vinyl Chloride	50.000	46.931	6.1#	173	0.00
5 T	Bromomethane	50.000	45.715	8.6	187	0.00
6 T	Chloroethane	50.000	44.212	11.6	165	0.00
7 T	Trichlorofluoromethane	50.000	47.707	4.6	182	0.00
8 T	Diethyl Ether	50.000	47.343	5.3	172	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.574	4.9	180	0.00
10 T	Methyl Iodide	50.000	58.398	-16.8	200	0.00
11 T	Tert butyl alcohol	250.000	212.213	15.1	156	0.00
12 CM	1,1-Dichloroethene	50.000	46.306	7.4#	172	0.00
13 T	Acrolein	250.000	323.846	-29.5#	251	0.00
14 T	Allyl chloride	50.000	42.842	14.3	160	0.00
15 T	Acrylonitrile	250.000	206.331	17.5	158	0.00
16 T	Acetone	250.000	278.864	-11.5	220	0.00
17 T	Carbon Disulfide	50.000	42.060	15.9	165	0.00
18 T	Methyl Acetate	50.000	44.368	11.3	167	0.00
19 T	Methyl tert-butyl Ether	50.000	44.047	11.9	166	0.00
20 T	Methylene Chloride	50.000	43.078	13.8	168	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.046	13.9	169	0.00
22 T	Diisopropyl ether	50.000	41.308	17.4	155	0.00
23 T	Vinyl Acetate	250.000	211.816	15.3	156	0.00
24 P	1,1-Dichloroethane	50.000	43.193	13.6	164	0.00
25 T	2-Butanone	250.000	220.030	12.0	165	0.00
26 T	2,2-Dichloropropane	50.000	46.083	7.8	177	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.762	8.5	174	0.00
28 T	Bromochloromethane	50.000	42.171	15.7	154	0.00
29 T	Tetrahydrofuran	250.000	210.294	15.9	155	0.00
30 C	Chloroform	50.000	44.606	10.8#	171	0.00
31 T	Cyclohexane	50.000	39.427	21.1	160	0.00
32 T	1,1,1-Trichloroethane	50.000	44.883	10.2	173	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.547	10.9	175	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	175	0.00
35 S	Dibromofluoromethane	50.000	49.761	0.5	182	0.00
36 T	1,1-Dichloropropene	50.000	46.024	8.0	165	0.00
37 T	Ethyl Acetate	50.000	43.458	13.1	153	0.00
38 T	Carbon Tetrachloride	50.000	49.697	0.6	177	0.00
39 T	Methylcyclohexane	50.000	46.540	6.9	164	0.00
40 TM	Benzene	50.000	45.178	9.6	163	0.00
41 T	Methacrylonitrile	50.000	43.142	13.7	152	0.00
42 TM	1,2-Dichloroethane	50.000	47.257	5.5	167	0.00
43 T	Isopropyl Acetate	50.000	44.481	11.0	157	0.00
44 TM	Trichloroethene	50.000	49.070	1.9	178	0.00
45 C	1,2-Dichloropropane	50.000	47.004	6.0#	167	0.00
46 T	Dibromomethane	50.000	47.344	5.3	172	0.00
47 T	Bromodichloromethane	50.000	47.925	4.2	172	0.00
48 T	Methyl methacrylate	50.000	45.675	8.7	158	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	902.826	9.7	155	0.00
50 S	Toluene-d8	50.000	48.491	3.0	176	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.287	6.3	160	0.00
52 CM	Toluene	50.000	48.371	3.3#	168	0.00
53 T	t-1,3-Dichloropropene	50.000	47.777	4.4	167	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.850	4.3	168	0.00
55 T	1,1,2-Trichloroethane	50.000	47.459	5.1	171	0.00
56 T	Ethyl methacrylate	50.000	44.581	10.8	157	0.00
57 T	1,3-Dichloropropane	50.000	46.542	6.9	169	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	223.271	10.7	152	0.00
59 T	2-Hexanone	250.000	222.236	11.1	161	0.00
60 T	Dibromochloromethane	50.000	51.189	-2.4	179	0.00
61 T	1,2-Dibromoethane	50.000	48.712	2.6	171	0.00
62 S	4-Bromofluorobenzene	50.000	48.521	3.0	175	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	176	0.00
64 T	Tetrachloroethene	50.000	49.479	1.0	180	0.00
65 PM	Chlorobenzene	50.000	47.768	4.5	177	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.704	0.6	180	0.00
67 C	Ethyl Benzene	50.000	47.785	4.4#	170	0.00
68 T	m/p-Xylenes	100.000	99.875	0.1	174	0.00
69 T	o-Xylene	50.000	49.913	0.2	172	0.00
70 T	Styrene	50.000	51.053	-2.1	173	0.00
71 P	Bromoform	50.000	53.431	-6.9	183	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	183	0.00
73 T	Isopropylbenzene	50.000	46.160	7.7	173	0.00
74 T	N-amyl acetate	50.000	41.377	17.2	195	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.324	17.4	162	0.00
76 T	1,2,3-Trichloropropane	50.000	45.124	9.8	185	0.00
77 T	Bromobenzene	50.000	48.218	3.6	180	0.00
78 T	n-propylbenzene	50.000	45.325	9.3	170	0.00
79 T	2-Chlorotoluene	50.000	44.146	11.7	167	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.256	5.5	172	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.821	8.4	174	0.00
82 T	4-Chlorotoluene	50.000	44.250	11.5	169	0.00
83 T	tert-Butylbenzene	50.000	47.393	5.2	176	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.624	2.8	173	0.00
85 T	sec-Butylbenzene	50.000	47.524	5.0	173	0.00
86 T	p-Isopropyltoluene	50.000	48.930	2.1	175	0.00
87 T	1,3-Dichlorobenzene	50.000	47.947	4.1	183	0.00
88 T	1,4-Dichlorobenzene	50.000	46.037	7.9	182	0.00
89 T	n-Butylbenzene	50.000	46.244	7.5	169	0.00
90 T	Hexachloroethane	50.000	46.466	7.1	176	0.00
91 T	1,2-Dichlorobenzene	50.000	48.034	3.9	183	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.250	19.5	158	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.084	7.8	175	0.00
94 T	Hexachlorobutadiene	50.000	46.213	7.6	183	0.00
95 T	Naphthalene	50.000	44.669	10.7	166	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.283	7.4	175	0.00

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