

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087792.D
 Acq On : 11 Sep 2025 12:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 02:49:38 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	121	0.00
2 T	Dichlorodifluoromethane	50.000	44.946	10.1	96	0.00
3 P	Chloromethane	50.000	50.045	-0.1	111	0.00
4 C	Vinyl Chloride	50.000	46.171	7.7#	105	0.00
5 T	Bromomethane	50.000	53.579	-7.2	126	0.00
6 T	Chloroethane	50.000	45.059	9.9	108	0.00
7 T	Trichlorofluoromethane	50.000	45.634	8.7	108	0.00
8 T	Diethyl Ether	50.000	44.818	10.4	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.542	14.9	104	0.00
10 T	Methyl Iodide	50.000	54.929	-9.9	147	0.00
11 T	Tert butyl alcohol	250.000	222.122	11.2	104	0.01
12 CM	1,1-Dichloroethene	50.000	44.626	10.7#	111	0.00
13 T	Acrolein	250.000	206.423	17.4	102	0.00
14 T	Allyl chloride	50.000	40.954	18.1	105	0.00
15 T	Acrylonitrile	250.000	217.570	13.0	106	0.00
16 T	Acetone	250.000	237.743	4.9	123	0.00
17 T	Carbon Disulfide	50.000	46.148	7.7	111	0.00
18 T	Methyl Acetate	50.000	42.366	15.3	104	0.00
19 T	Methyl tert-butyl Ether	50.000	45.056	9.9	108	0.00
20 T	Methylene Chloride	50.000	46.727	6.5	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.119	11.8	111	0.00
22 T	Diisopropyl ether	50.000	44.150	11.7	105	0.00
23 T	Vinyl Acetate	250.000	228.171	8.7	105	0.00
24 P	1,1-Dichloroethane	50.000	43.802	12.4	109	0.00
25 T	2-Butanone	250.000	223.807	10.5	109	0.00
26 T	2,2-Dichloropropane	50.000	44.693	10.6	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.204	9.6	109	0.00
28 T	Bromochloromethane	50.000	39.740	20.5	103	0.00
29 T	Tetrahydrofuran	250.000	215.648	13.7	104	0.00
30 C	Chloroform	50.000	44.814	10.4#	109	0.00
31 T	Cyclohexane	50.000	41.201	17.6	104	0.00
32 T	1,1,1-Trichloroethane	50.000	44.167	11.7	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.851	14.3	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	47.941	4.1	119	0.00
36 T	1,1-Dichloropropene	50.000	44.569	10.9	107	0.00
37 T	Ethyl Acetate	50.000	45.398	9.2	106	0.00
38 T	Carbon Tetrachloride	50.000	48.332	3.3	112	0.00
39 T	Methylcyclohexane	50.000	45.007	10.0	107	0.00
40 TM	Benzene	50.000	47.198	5.6	109	0.00
41 T	Methacrylonitrile	50.000	44.808	10.4	103	0.00
42 TM	1,2-Dichloroethane	50.000	45.714	8.6	105	0.00
43 T	Isopropyl Acetate	50.000	46.117	7.8	104	0.00
44 TM	Trichloroethene	50.000	47.713	4.6	112	0.00
45 C	1,2-Dichloropropane	50.000	44.390	11.2#	105	0.00
46 T	Dibromomethane	50.000	47.717	4.6	109	0.00
47 T	Bromodichloromethane	50.000	46.787	6.4	110	0.00
48 T	Methyl methacrylate	50.000	45.826	8.3	105	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	1069.995	-7.0	114	0.00
50 S	Toluene-d8	50.000	45.645	8.7	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	236.145	5.5	105	0.00
52 CM	Toluene	50.000	47.097	5.8#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	48.036	3.9	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.943	4.1	107	0.00
55 T	1,1,2-Trichloroethane	50.000	47.544	4.9	109	0.00
56 T	Ethyl methacrylate	50.000	49.204	1.6	104	0.00
57 T	1,3-Dichloropropane	50.000	47.288	5.4	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.889	11.2	101	0.00
59 T	2-Hexanone	250.000	260.827	-4.3	105	0.00
60 T	Dibromochloromethane	50.000	49.369	1.3	114	0.00
61 T	1,2-Dibromoethane	50.000	48.103	3.8	109	0.00
62 S	4-Bromofluorobenzene	50.000	47.983	4.0	117	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	45.002	10.0	115	0.00
65 PM	Chlorobenzene	50.000	47.043	5.9	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.555	0.9	112	0.00
67 C	Ethyl Benzene	50.000	46.907	6.2#	109	0.00
68 T	m/p-Xylenes	100.000	98.010	2.0	110	0.00
69 T	o-Xylene	50.000	47.884	4.2	107	0.00
70 T	Styrene	50.000	49.818	0.4	108	0.00
71 P	Bromoform	50.000	52.519	-5.0	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	45.168	9.7	108	0.00
74 T	N-ethyl acetate	50.000	47.207	5.6	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.857	10.3	109	0.00
76 T	1,2,3-Trichloropropane	50.000	49.500	1.0	129	0.00
77 T	Bromobenzene	50.000	47.146	5.7	113	0.00
78 T	n-propylbenzene	50.000	46.099	7.8	108	0.00
79 T	2-Chlorotoluene	50.000	45.441	9.1	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.421	7.2	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.291	-0.6	117	0.00
82 T	4-Chlorotoluene	50.000	44.600	10.8	106	0.00
83 T	tert-Butylbenzene	50.000	46.965	6.1	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.116	5.8	110	0.00
85 T	sec-Butylbenzene	50.000	46.124	7.8	110	0.00
86 T	p-Isopropyltoluene	50.000	47.643	4.7	112	0.00
87 T	1,3-Dichlorobenzene	50.000	47.008	6.0	115	0.00
88 T	1,4-Dichlorobenzene	50.000	45.613	8.8	113	0.00
89 T	n-Butylbenzene	50.000	46.441	7.1	111	0.00
90 T	Hexachloroethane	50.000	49.278	1.4	119	0.00
91 T	1,2-Dichlorobenzene	50.000	47.326	5.3	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.416	13.2	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.571	4.9	118	0.00
94 T	Hexachlorobutadiene	50.000	50.030	-0.1	128	0.00
95 T	Naphthalene	50.000	46.735	6.5	112	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	47.592	4.8	117	0.00

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