

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088028.D
 Acq On : 03 Oct 2025 16:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 03:00:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 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	136	0.00
2 T	Dichlorodifluoromethane	50.000	38.000	24.0	114	0.00
3 P	Chloromethane	50.000	34.454	31.1#	104	0.00
4 C	Vinyl Chloride	50.000	37.563	24.9#	112	0.00
5 T	Bromomethane	50.000	32.076	35.8#	102	0.00
6 T	Chloroethane	50.000	40.466	19.1	122	0.00
7 T	Trichlorofluoromethane	50.000	38.809	22.4	118	0.00
8 T	Diethyl Ether	50.000	37.546	24.9	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.493	17.0	124	0.00
10 T	Methyl Iodide	50.000	38.897	22.2	107	0.00
11 T	Tert butyl alcohol	250.000	217.302	13.1	133	0.01
12 CM	1,1-Dichloroethene	50.000	38.375	23.3#	117	0.00
13 T	Acrolein	250.000	0.066	100.0#	0	0.00
14 T	Allyl chloride	50.000	38.579	22.8	118	0.00
15 T	Acrylonitrile	250.000	191.010	23.6	113	0.00
16 T	Acetone	250.000	166.941	33.2#	105	0.00
17 T	Carbon Disulfide	50.000	33.897	32.2#	102	0.00
18 T	Methyl Acetate	50.000	44.194	11.6	128	0.00
19 T	Methyl tert-butyl Ether	50.000	39.885	20.2	117	0.00
20 T	Methylene Chloride	50.000	35.141	29.7#	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	37.393	25.2#	115	0.00
22 T	Diisopropyl ether	50.000	40.196	19.6	119	0.00
23 T	Vinyl Acetate	250.000	209.206	16.3	122	0.00
24 P	1,1-Dichloroethane	50.000	37.925	24.2	114	0.00
25 T	2-Butanone	250.000	194.258	22.3	117	0.00
26 T	2,2-Dichloropropane	50.000	34.359	31.3#	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	37.764	24.5	114	0.00
28 T	Bromochloromethane	50.000	33.287	33.4#	87	0.00
29 T	Tetrahydrofuran	250.000	189.567	24.2	112	0.00
30 C	Chloroform	50.000	38.629	22.7#	117	0.00
31 T	Cyclohexane	50.000	41.175	17.7	128	0.00
32 T	1,1,1-Trichloroethane	50.000	39.256	21.5	120	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.173	3.7	126	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	138	0.00
35 S	Dibromofluoromethane	50.000	48.561	2.9	131	0.00
36 T	1,1-Dichloropropene	50.000	39.297	21.4	116	0.00
37 T	Ethyl Acetate	50.000	36.876	26.2#	109	0.00
38 T	Carbon Tetrachloride	50.000	39.268	21.5	118	0.00
39 T	Methylcyclohexane	50.000	42.812	14.4	128	0.00
40 TM	Benzene	50.000	38.850	22.3	115	0.00
41 T	Methacrylonitrile	50.000	40.382	19.2	115	0.00
42 TM	1,2-Dichloroethane	50.000	37.142	25.7#	115	0.00
43 T	Isopropyl Acetate	50.000	39.311	21.4	118	0.00
44 TM	Trichloroethene	50.000	37.603	24.8	114	0.00
45 C	1,2-Dichloropropane	50.000	37.700	24.6#	114	0.00
46 T	Dibromomethane	50.000	37.561	24.9	114	0.00
47 T	Bromodichloromethane	50.000	37.949	24.1	113	0.00
48 T	Methyl methacrylate	50.000	39.176	21.6	117	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	805.147	19.5	122	0.00
50 S	Toluene-d8	50.000	50.660	-1.3	132	0.00
51 T	4-Methyl-2-Pentanone	250.000	199.482	20.2	116	0.00
52 CM	Toluene	50.000	38.372	23.3#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	37.907	24.2	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	37.974	24.1	115	0.00
55 T	1,1,2-Trichloroethane	50.000	37.700	24.6	114	0.00
56 T	Ethyl methacrylate	50.000	41.389	17.2	119	0.00
57 T	1,3-Dichloropropane	50.000	39.039	21.9	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.551	-3.8	164	0.00
59 T	2-Hexanone	250.000	203.881	18.4	114	0.00
60 T	Dibromochloromethane	50.000	37.407	25.2#	112	0.00
61 T	1,2-Dibromoethane	50.000	37.774	24.5	113	0.00
62 S	4-Bromofluorobenzene	50.000	60.857	-21.7	162	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	130	0.00
64 T	Tetrachloroethene	50.000	39.577	20.8	112	0.00
65 PM	Chlorobenzene	50.000	39.808	20.4	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	38.880	22.2	111	0.00
67 C	Ethyl Benzene	50.000	41.676	16.6#	120	0.00
68 T	m/p-Xylenes	100.000	82.475	17.5	114	0.00
69 T	o-Xylene	50.000	41.848	16.3	118	0.00
70 T	Styrene	50.000	41.435	17.1	113	0.00
71 P	Bromoform	50.000	38.797	22.4	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73 T	Isopropylbenzene	50.000	44.188	11.6	120	0.00
74 T	N-amyl acetate	50.000	33.623	32.8#	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.136	19.7	113	0.00
76 T	1,2,3-Trichloropropane	50.000	41.997	16.0	118	0.00
77 T	Bromobenzene	50.000	39.483	21.0	112	0.00
78 T	n-propylbenzene	50.000	43.455	13.1	120	0.00
79 T	2-Chlorotoluene	50.000	41.371	17.3	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	42.953	14.1	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	37.971	24.1	108	0.00
82 T	4-Chlorotoluene	50.000	42.023	16.0	115	0.00
83 T	tert-Butylbenzene	50.000	44.895	10.2	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	42.544	14.9	115	0.00
85 T	sec-Butylbenzene	50.000	44.646	10.7	122	0.00
86 T	p-Isopropyltoluene	50.000	43.711	12.6	119	0.00
87 T	1,3-Dichlorobenzene	50.000	39.972	20.1	113	0.00
88 T	1,4-Dichlorobenzene	50.000	39.641	20.7	114	0.00
89 T	n-Butylbenzene	50.000	44.408	11.2	123	0.00
90 T	Hexachloroethane	50.000	40.401	19.2	116	0.00
91 T	1,2-Dichlorobenzene	50.000	40.113	19.8	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.230	23.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.790	20.4	114	0.00
94 T	Hexachlorobutadiene	50.000	39.165	21.7	111	0.00
95 T	Naphthalene	50.000	42.421	15.2	118	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	40.375	19.3	113	0.00

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