

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087181.D
 Acq On : 26 Jun 2025 09:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:20:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	62.089	-24.2	92	0.00
3 P	Chloromethane	50.000	48.314	3.4	77	0.00
4 C	Vinyl Chloride	50.000	51.924	-3.8#	80	0.00
5 T	Bromomethane	50.000	43.326	13.3	67	0.00
6 T	Chloroethane	50.000	37.375	25.3#	58	0.00
7 T	Trichlorofluoromethane	50.000	41.302	17.4	64	0.00
8 T	Diethyl Ether	50.000	37.831	24.3	59	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.258	5.5	74	0.00
10 T	Methyl Iodide	50.000	29.953	40.1#	46	0.00
11 T	Tert butyl alcohol	250.000	239.961	4.0	74	-0.01
12 CM	1,1-Dichloroethene	50.000	42.397	15.2#	66	0.01
13 T	Acrolein	250.000	95.168	61.9#	36	0.00
14 T	Allyl chloride	50.000	55.712	-11.4	88	0.00
15 T	Acrylonitrile	250.000	288.478	-15.4	89	0.00
16 T	Acetone	250.000	237.750	4.9	78	0.00
17 T	Carbon Disulfide	50.000	47.226	5.5	76	0.00
18 T	Methyl Acetate	50.000	54.190	-8.4	84	0.00
19 T	Methyl tert-butyl Ether	50.000	58.451	-16.9	91	0.00
20 T	Methylene Chloride	50.000	56.654	-13.3	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.580	-15.2	93	0.00
22 T	Diisopropyl ether	50.000	61.367	-22.7	96	0.00
23 T	Vinyl Acetate	250.000	320.406	-28.2#	98	0.00
24 P	1,1-Dichloroethane	50.000	61.182	-22.4	96	0.00
25 T	2-Butanone	250.000	284.168	-13.7	88	0.00
26 T	2,2-Dichloropropane	50.000	69.983	-40.0#	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.344	-16.7	92	0.00
28 T	Bromochloromethane	50.000	50.609	-1.2	89	0.00
29 T	Tetrahydrofuran	250.000	286.078	-14.4	89	0.00
30 C	Chloroform	50.000	59.645	-19.3#	93	0.00
31 T	Cyclohexane	50.000	52.736	-5.5	85	0.00
32 T	1,1,1-Trichloroethane	50.000	59.352	-18.7	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.611	-5.2	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	54.555	-9.1	107	0.00
36 T	1,1-Dichloropropene	50.000	61.603	-23.2	94	0.00
37 T	Ethyl Acetate	50.000	62.602	-25.2#	95	0.00
38 T	Carbon Tetrachloride	50.000	61.364	-22.7	94	0.00
39 T	Methylcyclohexane	50.000	51.073	-2.1	78	0.00
40 TM	Benzene	50.000	59.735	-19.5	93	0.00
41 T	Methacrylonitrile	50.000	59.959	-19.9	90	0.00
42 TM	1,2-Dichloroethane	50.000	64.471	-28.9#	99	0.00
43 T	Isopropyl Acetate	50.000	59.780	-19.6	92	0.00
44 TM	Trichloroethene	50.000	58.413	-16.8	88	0.00
45 C	1,2-Dichloropropane	50.000	62.285	-24.6#	95	0.00
46 T	Dibromomethane	50.000	61.938	-23.9	94	0.00
47 T	Bromodichloromethane	50.000	62.427	-24.9	95	0.00
48 T	Methyl methacrylate	50.000	60.705	-21.4	93	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	948.610	5.1	66	0.00
50 S	Toluene-d8	50.000	49.702	0.6	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	313.887	-25.6#	92	0.00
52 CM	Toluene	50.000	60.139	-20.3#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	62.249	-24.5	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.168	-24.3	94	0.00
55 T	1,1,2-Trichloroethane	50.000	59.923	-19.8	91	0.00
56 T	Ethyl methacrylate	50.000	63.335	-26.7#	89	0.00
57 T	1,3-Dichloropropane	50.000	60.705	-21.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.796	-13.9	97	0.00
59 T	2-Hexanone	250.000	319.329	-27.7#	88	0.00
60 T	Dibromochloromethane	50.000	62.211	-24.4	94	0.00
61 T	1,2-Dibromoethane	50.000	59.866	-19.7	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.425	-2.8	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	53.872	-7.7	87	0.00
65 PM	Chlorobenzene	50.000	57.845	-15.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.366	-20.7	95	0.00
67 C	Ethyl Benzene	50.000	58.350	-16.7#	92	0.00
68 T	m/p-Xylenes	100.000	116.750	-16.8	91	0.00
69 T	o-Xylene	50.000	58.616	-17.2	91	0.00
70 T	Styrene	50.000	59.825	-19.7	92	0.00
71 P	Bromoform	50.000	62.145	-24.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	55.100	-10.2	90	0.00
74 T	N-amyl acetate	50.000	49.592	0.8	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.525	-15.0	93	0.00
76 T	1,2,3-Trichloropropane	50.000	49.096	1.8	77	0.00
77 T	Bromobenzene	50.000	56.551	-13.1	92	0.00
78 T	n-propylbenzene	50.000	55.700	-11.4	90	0.00
79 T	2-Chlorotoluene	50.000	55.365	-10.7	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.060	-10.1	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.477	-5.0	88	0.00
82 T	4-Chlorotoluene	50.000	57.347	-14.7	94	0.00
83 T	tert-Butylbenzene	50.000	51.767	-3.5	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.749	-13.5	91	0.00
85 T	sec-Butylbenzene	50.000	51.642	-3.3	83	0.00
86 T	p-Isopropyltoluene	50.000	50.865	-1.7	81	0.00
87 T	1,3-Dichlorobenzene	50.000	55.709	-11.4	91	0.00
88 T	1,4-Dichlorobenzene	50.000	57.303	-14.6	94	0.00
89 T	n-Butylbenzene	50.000	49.615	0.8	80	0.00
90 T	Hexachloroethane	50.000	56.997	-14.0	92	0.00
91 T	1,2-Dichlorobenzene	50.000	56.791	-13.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.417	-2.8	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.424	-0.8	81	0.00
94 T	Hexachlorobutadiene	50.000	37.381	25.2#	60	0.00
95 T	Naphthalene	50.000	50.847	-1.7	82	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	49.541	0.9	81	0.00

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