

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085880.D
 Acq On : 27 Feb 2025 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 01:55:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 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	45.097	9.8	68	0.00
3 P	Chloromethane	50.000	42.298	15.4	68	0.00
4 C	Vinyl Chloride	50.000	42.241	15.5#	66	0.00
5 T	Bromomethane	50.000	40.007	20.0	64	-0.01
6 T	Chloroethane	50.000	41.945	16.1	71	-0.01
7 T	Trichlorofluoromethane	50.000	45.340	9.3	73	0.00
8 T	Diethyl Ether	50.000	45.973	8.1	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.898	4.2	76	0.00
10 T	Methyl Iodide	50.000	45.502	9.0	69	0.00
11 T	Tert butyl alcohol	250.000	273.255	-9.3	82	0.02
12 CM	1,1-Dichloroethene	50.000	45.375	9.3#	70	0.00
13 T	Acrolein	250.000	248.984	0.4	69	0.00
14 T	Allyl chloride	50.000	43.118	13.8	66	0.00
15 T	Acrylonitrile	250.000	280.390	-12.2	88	0.00
16 T	Acetone	250.000	255.601	-2.2	84	0.00
17 T	Carbon Disulfide	50.000	40.628	18.7	66	0.00
18 T	Methyl Acetate	50.000	54.509	-9.0	92	0.00
19 T	Methyl tert-butyl Ether	50.000	51.143	-2.3	74	0.00
20 T	Methylene Chloride	50.000	46.634	6.7	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.188	7.6	73	0.00
22 T	Diisopropyl ether	50.000	50.602	-1.2	74	0.00
23 T	Vinyl Acetate	250.000	247.013	1.2	73	0.00
24 P	1,1-Dichloroethane	50.000	47.301	5.4	75	0.00
25 T	2-Butanone	250.000	278.911	-11.6	84	0.01
26 T	2,2-Dichloropropane	50.000	46.396	7.2	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.587	4.8	73	0.00
28 T	Bromochloromethane	50.000	53.564	-7.1	81	0.00
29 T	Tetrahydrofuran	250.000	299.381	-19.8	88	0.00
30 C	Chloroform	50.000	48.062	3.9#	77	0.00
31 T	Cyclohexane	50.000	41.469	17.1	66	0.00
32 T	1,1,1-Trichloroethane	50.000	46.474	7.1	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.093	3.8	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	53.209	-6.4	78	0.00
36 T	1,1-Dichloropropene	50.000	49.280	1.4	71	0.00
37 T	Ethyl Acetate	50.000	57.103	-14.2	83	0.00
38 T	Carbon Tetrachloride	50.000	50.443	-0.9	75	0.00
39 T	Methylcyclohexane	50.000	47.442	5.1	63	0.00
40 TM	Benzene	50.000	51.244	-2.5	75	0.00
41 T	Methacrylonitrile	50.000	54.790	-9.6	74	0.01
42 TM	1,2-Dichloroethane	50.000	48.992	2.0	74	0.00
43 T	Isopropyl Acetate	50.000	51.298	-2.6	77	0.00
44 TM	Trichloroethene	50.000	47.220	5.6	72	0.00
45 C	1,2-Dichloropropane	50.000	53.197	-6.4#	78	0.00
46 T	Dibromomethane	50.000	52.873	-5.7	79	0.00
47 T	Bromodichloromethane	50.000	51.572	-3.1	77	0.00
48 T	Methyl methacrylate	50.000	56.535	-13.1	76	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	1428.861	-42.9#	95	0.00
50 S	Toluene-d8	50.000	54.826	-9.7	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	314.369	-25.7#	87	0.00
52 CM	Toluene	50.000	54.710	-9.4#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	53.172	-6.3	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.357	-6.7	74	0.00
55 T	1,1,2-Trichloroethane	50.000	54.763	-9.5	82	0.00
56 T	Ethyl methacrylate	50.000	54.377	-8.8	78	0.00
57 T	1,3-Dichloropropane	50.000	53.731	-7.5	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	318.943	-27.6#	111	0.00
59 T	2-Hexanone	250.000	335.935	-34.4#	89	0.00
60 T	Dibromochloromethane	50.000	56.451	-12.9	81	0.00
61 T	1,2-Dibromoethane	50.000	55.476	-11.0	80	0.00
62 S	4-Bromofluorobenzene	50.000	59.832	-19.7	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	45.879	8.2	75	0.00
65 PM	Chlorobenzene	50.000	47.978	4.0	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.535	-1.1	81	0.00
67 C	Ethyl Benzene	50.000	51.217	-2.4#	74	0.00
68 T	m/p-Xylenes	100.000	110.276	-10.3	78	0.00
69 T	o-Xylene	50.000	53.565	-7.1	75	0.00
70 T	Styrene	50.000	50.988	-2.0	78	0.00
71 P	Bromoform	50.000	55.536	-11.1	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	47.472	5.1	75	0.00
74 T	N-amyl acetate	50.000	49.579	0.8	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.738	4.5	89	0.00
76 T	1,2,3-Trichloropropane	50.000	47.478	5.0	92	0.00
77 T	Bromobenzene	50.000	47.033	5.9	80	0.00
78 T	n-propylbenzene	50.000	50.480	-1.0	77	0.00
79 T	2-Chlorotoluene	50.000	47.449	5.1	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.761	-3.5	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.232	-0.5	80	0.00
82 T	4-Chlorotoluene	50.000	49.221	1.6	80	0.00
83 T	tert-Butylbenzene	50.000	48.414	3.2	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.917	-5.8	79	0.00
85 T	sec-Butylbenzene	50.000	49.195	1.6	74	0.00
86 T	p-Isopropyltoluene	50.000	45.568	8.9	75	0.00
87 T	1,3-Dichlorobenzene	50.000	47.380	5.2	83	0.00
88 T	1,4-Dichlorobenzene	50.000	45.759	8.5	82	0.00
89 T	n-Butylbenzene	50.000	46.567	6.9	71	0.00
90 T	Hexachloroethane	50.000	45.672	8.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	47.454	5.1	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.618	2.8	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.173	9.7	74	0.00
94 T	Hexachlorobutadiene	50.000	40.892	18.2	77	0.00
95 T	Naphthalene	50.000	49.537	0.9	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.688	8.6	76	0.00

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