

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085617.D
 Acq On : 03 Feb 2025 12:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 04 00:57:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	37.364	25.3#	78	0.00
3 P	Chloromethane	50.000	34.404	31.2#	72	0.00
4 C	Vinyl Chloride	50.000	43.167	13.7#	90	0.00
5 T	Bromomethane	50.000	46.361	7.3	96	0.00
6 T	Chloroethane	50.000	49.419	1.2	106	0.00
7 T	Trichlorofluoromethane	50.000	47.821	4.4	100	0.00
8 T	Diethyl Ether	50.000	43.869	12.3	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.609	6.8	101	0.00
10 T	Methyl Iodide	50.000	46.624	6.8	87	0.00
11 T	Tert butyl alcohol	250.000	266.185	-6.5	103	0.00
12 CM	1,1-Dichloroethene	50.000	45.458	9.1#	89	0.00
13 T	Acrolein	250.000	168.557	32.6#	59	0.00
14 T	Allyl chloride	50.000	36.574	26.9#	73	0.00
15 T	Acrylonitrile	250.000	231.327	7.5	89	0.00
16 T	Acetone	250.000	202.320	19.1	81	0.00
17 T	Carbon Disulfide	50.000	34.849	30.3#	76	0.00
18 T	Methyl Acetate	50.000	45.361	9.3	89	0.00
19 T	Methyl tert-butyl Ether	50.000	49.654	0.7	90	0.00
20 T	Methylene Chloride	50.000	46.650	6.7	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.100	7.8	93	0.00
22 T	Diisopropyl ether	50.000	44.663	10.7	82	0.00
23 T	Vinyl Acetate	250.000	215.551	13.8	76	0.00
24 P	1,1-Dichloroethane	50.000	46.504	7.0	91	0.00
25 T	2-Butanone	250.000	218.881	12.4	84	0.00
26 T	2,2-Dichloropropane	50.000	47.156	5.7	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.547	-1.1	97	0.00
28 T	Bromochloromethane	50.000	43.090	13.8	85	0.00
29 T	Tetrahydrofuran	250.000	223.073	10.8	81	0.00
30 C	Chloroform	50.000	48.416	3.2#	98	0.00
31 T	Cyclohexane	50.000	38.329	23.3	87	0.00
32 T	1,1,1-Trichloroethane	50.000	46.661	6.7	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.566	10.9	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	49.931	0.1	94	0.00
36 T	1,1-Dichloropropene	50.000	45.259	9.5	93	0.00
37 T	Ethyl Acetate	50.000	40.735	18.5	80	0.00
38 T	Carbon Tetrachloride	50.000	45.902	8.2	94	0.00
39 T	Methylcyclohexane	50.000	46.593	6.8	90	0.00
40 TM	Benzene	50.000	48.614	2.8	96	0.00
41 T	Methacrylonitrile	50.000	43.037	13.9	80	0.00
42 TM	1,2-Dichloroethane	50.000	45.375	9.3	89	0.00
43 T	Isopropyl Acetate	50.000	44.700	10.6	84	0.00
44 TM	Trichloroethene	50.000	48.252	3.5	99	0.00
45 C	1,2-Dichloropropane	50.000	48.357	3.3#	95	0.00
46 T	Dibromomethane	50.000	47.501	5.0	94	0.00
47 T	Bromodichloromethane	50.000	50.527	-1.1	97	0.00
48 T	Methyl methacrylate	50.000	45.301	9.4	80	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	1035.537	-3.6	95	0.00
50 S	Toluene-d8	50.000	52.598	-5.2	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.994	6.4	85	0.00
52 CM	Toluene	50.000	53.534	-7.1#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	50.697	-1.4	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.107	-2.2	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.625	-7.2	103	0.00
56 T	Ethyl methacrylate	50.000	45.764	8.5	92	0.00
57 T	1,3-Dichloropropane	50.000	52.111	-4.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.104	3.6	83	0.00
59 T	2-Hexanone	250.000	238.718	4.5	84	0.00
60 T	Dibromochloromethane	50.000	52.795	-5.6	101	0.00
61 T	1,2-Dibromoethane	50.000	50.994	-2.0	99	0.00
62 S	4-Bromofluorobenzene	50.000	51.906	-3.8	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	48.451	3.1	104	0.00
65 PM	Chlorobenzene	50.000	50.273	-0.5	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.526	0.9	103	0.00
67 C	Ethyl Benzene	50.000	52.793	-5.6#	102	0.00
68 T	m/p-Xylenes	100.000	112.274	-12.3	106	0.00
69 T	o-Xylene	50.000	56.132	-12.3	105	0.00
70 T	Styrene	50.000	59.204	-18.4	107	0.00
71 P	Bromoform	50.000	51.832	-3.7	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	51.773	-3.5	106	0.00
74 T	N-amyl acetate	50.000	42.452	15.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.726	4.5	103	0.00
76 T	1,2,3-Trichloropropane	50.000	48.596	2.8	115	0.00
77 T	Bromobenzene	50.000	48.837	2.3	105	0.00
78 T	n-propylbenzene	50.000	53.002	-6.0	106	0.00
79 T	2-Chlorotoluene	50.000	48.821	2.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.197	-6.4	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.354	-12.7	113	0.00
82 T	4-Chlorotoluene	50.000	49.770	0.5	103	0.00
83 T	tert-Butylbenzene	50.000	52.803	-5.6	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.980	-8.0	104	0.00
85 T	sec-Butylbenzene	50.000	54.590	-9.2	108	0.00
86 T	p-Isopropyltoluene	50.000	50.266	-0.5	107	0.00
87 T	1,3-Dichlorobenzene	50.000	50.109	-0.2	108	0.00
88 T	1,4-Dichlorobenzene	50.000	48.112	3.8	108	0.00
89 T	n-Butylbenzene	50.000	52.792	-5.6	103	0.00
90 T	Hexachloroethane	50.000	48.339	3.3	108	0.00
91 T	1,2-Dichlorobenzene	50.000	48.589	2.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.867	10.3	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.782	2.4	98	0.00
94 T	Hexachlorobutadiene	50.000	44.736	10.5	101	0.00
95 T	Naphthalene	50.000	50.085	-0.2	94	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	48.450	3.1	98	0.00

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