

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN030320\
 Data File : VN060335.D
 Acq On : 3 Mar 2020 17:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 04 02:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 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	102	0.00
2 T	Dichlorodifluoromethane	150.000	46.723	68.9#	33	0.00
3 P	Chloromethane	150.000	51.321	65.8#	39	0.00
4 C	Vinyl Chloride	150.000	45.346	69.8#	33	0.00
5 T	Bromomethane	150.000	41.569	72.3#	30	0.00
6 T	Chloroethane	150.000	48.947	67.4#	35	0.00
7 T	Trichlorofluoromethane	150.000	45.958	69.4#	33	0.00
8 T	Diethyl Ether	150.000	48.603	67.6#	34	0.00
9 T	1,1,2-Trichlorotrifluoroeth	150.000	45.732	69.5#	33	0.00
10 T	Methyl Iodide	150.000	47.251	68.5#	28	0.00
11 T	Tert butyl alcohol	750.000	221.086	70.5#	32	0.00
12 CM	1,1-Dichloroethene	150.000	48.352	67.8#	33	0.00
13 T	Acrolein	750.000	236.812	68.4#	30	0.00
14 T	Allyl chloride	150.000	44.419	70.4#	33	0.00
15 T	Acrylonitrile	750.000	256.270	65.8#	34	0.00
16 T	Acetone	750.000	252.178	66.4#	35	0.00
17 T	Carbon Disulfide	150.000	46.264	69.2#	32	0.00
18 T	Methyl Acetate	150.000	45.453	69.7#	33	0.00
19 T	Methyl tert-butyl Ether	150.000	48.458	67.7#	34	0.00
20 T	Methylene Chloride	150.000	46.220	69.2#	33	0.00
21 T	trans-1,2-Dichloroethene	150.000	47.356	68.4#	32	0.00
22 T	Diisopropyl ether	150.000	49.172	67.2#	34	0.00
23 T	Vinyl Acetate	750.000	246.547	67.1#	34	0.00
24 P	1,1-Dichloroethane	150.000	47.447	68.4#	33	0.00
25 T	2-Butanone	750.000	248.934	66.8#	34	0.00
26 T	2,2-Dichloropropane	150.000	45.888	69.4#	33	0.00
27 T	cis-1,2-Dichloroethene	150.000	44.191	70.5#	33	0.00
28 T	Bromochloromethane	150.000	48.298	67.8#	34	0.00
29 T	Tetrahydrofuran	750.000	242.963	67.6#	34	0.00
30 C	Chloroform	150.000	47.097	68.6#	33	0.00
31 T	Cyclohexane	150.000	47.911	68.1#	33	0.00
32 T	1,1,1-Trichloroethane	150.000	47.279	68.5#	33	0.00
33 S	1,2-Dichloroethane-d4	150.000	47.745	68.2#	32	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	150.000	46.479	69.0#	38	0.00
36 T	1,1-Dichloropropene	150.000	44.710	70.2#	32	0.00
37 T	Ethyl Acetate	150.000	48.766	67.5#	34	0.00
38 T	Carbon Tetrachloride	150.000	45.586	69.6#	31	0.00
39 T	Methylcyclohexane	150.000	44.684	70.2#	32	0.00
40 TM	Benzene	150.000	46.304	69.1#	33	0.00
41 T	Methacrylonitrile	150.000	49.252	67.2#	32	0.00
42 TM	1,2-Dichloroethane	150.000	45.789	69.5#	33	0.00
43 T	Isopropyl Acetate	150.000	48.159	67.9#	34	0.00
44 TM	Trichloroethene	150.000	44.797	70.1#	33	0.00
45 C	1,2-Dichloropropane	150.000	48.606	67.6#	34	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)
46 T	Dibromomethane	150.000	46.519	69.0#	32	0.00
47 T	Bromodichloromethane	150.000	48.235	67.8#	33	0.00
48 T	Methyl methacrylate	150.000	47.298	68.5#	32	0.00
49 T	1,4-Dioxane	3000.000	809.287	73.0#	30	0.00
50 S	Toluene-d8	150.000	46.870	68.8#	31	0.00
51 T	4-Methyl-2-Pentanone	750.000	247.120	67.1#	34	0.00
52 CM	Toluene	150.000	46.433	69.0#	32	0.00
53 T	t-1,3-Dichloropropene	150.000	46.049	69.3#	32	0.00
54 T	cis-1,3-Dichloropropene	150.000	46.689	68.9#	33	0.00
55 T	1,1,2-Trichloroethane	150.000	46.206	69.2#	33	0.00
56 T	Ethyl methacrylate	150.000	50.849	66.1#	32	0.00
57 T	1,3-Dichloropropane	150.000	48.265	67.8#	34	0.00
58 T	2-Chloroethyl Vinyl ether	750.000	235.222	68.6#	31	0.00
59 T	2-Hexanone	750.000	243.502	67.5#	33	0.00
60 T	Dibromochloromethane	150.000	48.658	67.6#	32	0.00
61 T	1,2-Dibromoethane	150.000	47.994	68.0#	32	0.00
62 S	4-Bromofluorobenzene	150.000	48.056	68.0#	31	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	150.000	47.616	68.3#	33	0.00
65 PM	Chlorobenzene	150.000	44.916	70.1#	32	0.00
66 T	1,1,1,2-Tetrachloroethane	150.000	46.926	68.7#	32	0.00
67 C	Ethyl Benzene	150.000	45.995	69.3#	33	0.00
68 T	m/p-Xylenes	300.000	90.165	69.9#	32	0.00
69 T	o-Xylene	150.000	46.262	69.2#	32	0.00
70 T	Styrene	150.000	47.330	68.4#	31	0.00
71 P	Bromoform	150.000	49.141	67.2#	30	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	150.000	45.401	69.7#	33	0.00
74 T	N-amyl acetate	150.000	47.235	68.5#	33	0.00
75 P	1,1,2,2-Tetrachloroethane	150.000	48.114	67.9#	34	0.00
76 T	1,2,3-Trichloropropane	150.000	43.102	71.3#	33	0.00
77 T	Bromobenzene	150.000	54.457	63.7#	38	0.00
78 T	n-propylbenzene	150.000	45.940	69.4#	33	0.00
79 T	2-Chlorotoluene	150.000	45.509	69.7#	33	0.00
80 T	1,3,5-Trimethylbenzene	150.000	46.521	69.0#	33	0.00
81 T	trans-1,4-Dichloro-2-butene	150.000	48.251	67.8#	32	0.00
82 T	4-Chlorotoluene	150.000	44.679	70.2#	32	0.00
83 T	tert-Butylbenzene	150.000	45.550	69.6#	32	0.00
84 T	1,2,4-Trimethylbenzene	150.000	45.991	69.3#	32	0.00
85 T	sec-Butylbenzene	150.000	45.881	69.4#	32	0.00
86 T	p-Isopropyltoluene	150.000	44.662	70.2#	32	0.00
87 T	1,3-Dichlorobenzene	150.000	47.211	68.5#	31	0.00
88 T	1,4-Dichlorobenzene	150.000	47.409	68.4#	32	0.00
89 T	n-Butylbenzene	150.000	45.673	69.6#	32	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	150.000	43.173	71.2#	27	0.00
91 T	1,2-Dichlorobenzene	150.000	45.306	69.8#	32	0.00
92 T	1,2-Dibromo-3-Chloropropane	150.000	45.591	69.6#	32	0.00
93 T	1,2,4-Trichlorobenzene	150.000	47.441	68.4#	31	0.00
94 T	Hexachlorobutadiene	150.000	48.331	67.8#	32	0.00
95 T	Naphthalene	150.000	47.217	68.5#	31	0.00
96 T	1,2,3-Trichlorobenzene	150.000	47.936	68.0#	32	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6