

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100719\
 Data File : VN058566.D
 Acq On : 7 Oct 2019 14:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 08 15:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	46.717	6.6	79	0.00
3 P	Chloromethane	50.000	53.455	-6.9	95	0.00
4 C	Vinyl Chloride	50.000	50.772	-1.5#	88	0.00
5 T	Bromomethane	50.000	49.895	0.2	86	0.00
6 T	Chloroethane	50.000	54.632	-9.3	94	0.00
7 T	Trichlorofluoromethane	50.000	58.698	-17.4	99	0.00
8 T	Diethyl Ether	50.000	51.973	-3.9	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.104	1.8	83	0.00
10 T	Methyl Iodide	50.000	42.737	14.5	69	0.00
11 T	Tert butyl alcohol	250.000	335.629	-34.3#	116	0.00
12 CM	1,1-Dichloroethene	50.000	47.775	4.5#	80	0.00
13 T	Acrolein	250.000	320.183	-28.1#	120	0.00
14 T	Allyl chloride	50.000	53.620	-7.2	90	0.00
15 T	Acrylonitrile	250.000	291.409	-16.6	98	0.00
16 T	Acetone	250.000	284.592	-13.8	97	0.00
17 T	Carbon Disulfide	50.000	48.761	2.5	81	0.00
18 T	Methyl Acetate	50.000	56.389	-12.8	101	0.00
19 T	Methyl tert-butyl Ether	50.000	53.779	-7.6	91	0.00
20 T	Methylene Chloride	50.000	49.327	1.3	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.618	2.8	83	0.00
22 T	Diisopropyl ether	50.000	53.037	-6.1	91	0.00
23 T	Vinyl Acetate	250.000	290.498	-16.2	90	0.00
24 P	1,1-Dichloroethane	50.000	52.178	-4.4	89	0.00
25 T	2-Butanone	250.000	286.191	-14.5	96	0.00
26 T	2,2-Dichloropropane	50.000	56.880	-13.8	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.959	0.1	84	0.00
28 T	Bromochloromethane	50.000	52.847	-5.7	88	0.00
29 T	Tetrahydrofuran	250.000	281.825	-12.7	94	0.00
30 C	Chloroform	50.000	52.021	-4.0#	89	0.00
31 T	Cyclohexane	50.000	45.676	8.6	80	0.00
32 T	1,1,1-Trichloroethane	50.000	54.273	-8.5	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.896	2.2	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	50.321	-0.6	83	0.00
36 T	1,1-Dichloropropene	50.000	49.196	1.6	82	0.00
37 T	Ethyl Acetate	50.000	57.987	-16.0	93	0.00
38 T	Carbon Tetrachloride	50.000	55.213	-10.4	90	0.00
39 T	Methylcyclohexane	50.000	47.600	4.8	80	0.00
40 TM	Benzene	50.000	51.479	-3.0	86	0.00
41 T	Methacrylonitrile	50.000	67.726	-35.5#	113	0.01
42 TM	1,2-Dichloroethane	50.000	51.644	-3.3	88	0.00
43 T	Isopropyl Acetate	50.000	54.363	-8.7	94	0.00
44 TM	Trichloroethene	50.000	51.323	-2.6	85	0.00
45 C	1,2-Dichloropropane	50.000	53.196	-6.4#	89	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.575	-5.2	88	0.00
47 T	Bromodichloromethane	50.000	56.643	-13.3	91	0.00
48 T	Methyl methacrylate	50.000	54.984	-10.0	92	0.00
49 T	1,4-Dioxane	1000.000	1438.569	-43.9#	116	0.00
50 S	Toluene-d8	50.000	48.762	2.5	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	307.289	-22.9	97	0.00
52 CM	Toluene	50.000	49.814	0.4#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	60.228	-20.5	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.409	-14.8	90	0.00
55 T	1,1,2-Trichloroethane	50.000	56.298	-12.6	93	0.00
56 T	Ethyl methacrylate	50.000	58.025	-16.0	92	0.00
57 T	1,3-Dichloropropane	50.000	54.298	-8.6	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	341.031	-36.4#	107	0.00
59 T	2-Hexanone	250.000	313.698	-25.5#	99	0.00
60 T	Dibromochloromethane	50.000	57.489	-15.0	96	0.00
61 T	1,2-Dibromoethane	50.000	56.271	-12.5	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.578	-3.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	51.659	-3.3	89	0.00
65 PM	Chlorobenzene	50.000	51.007	-2.0	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.452	-14.9	94	0.00
67 C	Ethyl Benzene	50.000	52.927	-5.9#	88	0.00
68 T	m/p-Xylenes	100.000	101.976	-2.0	86	0.00
69 T	o-Xylene	50.000	51.705	-3.4	87	0.00
70 T	Styrene	50.000	53.134	-6.3	86	0.00
71 P	Bromoform	50.000	58.040	-16.1	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	52.110	-4.2	88	0.00
74 T	N-amyl acetate	50.000	58.605	-17.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.329	-8.7	95	0.00
76 T	1,2,3-Trichloropropane	50.000	64.137	-28.3#	108	0.00
77 T	Bromobenzene	50.000	51.814	-3.6	89	0.00
78 T	n-propylbenzene	50.000	54.491	-9.0	89	0.00
79 T	2-Chlorotoluene	50.000	52.282	-4.6	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.146	-6.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	63.231	-26.5#	102	0.00
82 T	4-Chlorotoluene	50.000	53.199	-6.4	90	0.00
83 T	tert-Butylbenzene	50.000	52.579	-5.2	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.106	-6.2	88	0.00
85 T	sec-Butylbenzene	50.000	53.808	-7.6	88	0.00
86 T	p-Isopropyltoluene	50.000	55.273	-10.5	90	0.00
87 T	1,3-Dichlorobenzene	50.000	52.104	-4.2	89	0.00
88 T	1,4-Dichlorobenzene	50.000	51.517	-3.0	88	0.00
89 T	n-Butylbenzene	50.000	55.380	-10.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	63.155	-26.3#	100	0.00
91 T	1,2-Dichlorobenzene	50.000	53.537	-7.1	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.064	-24.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.811	-15.6	91	0.00
94 T	Hexachlorobutadiene	50.000	50.736	-1.5	88	0.00
95 T	Naphthalene	50.000	54.744	-9.5	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.659	-5.3	90	0.00

(#) = Out of Range

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