

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091819\
 Data File : VN058187.D
 Acq On : 19 Sep 2019 00:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 18:51:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	45.956	8.1	85	0.00
3 P	Chloromethane	50.000	47.505	5.0	83	0.00
4 C	Vinyl Chloride	50.000	48.683	2.6#	83	0.00
5 T	Bromomethane	50.000	33.240	33.5#	58	0.00
6 T	Chloroethane	50.000	50.399	-0.8	84	0.00
7 T	Trichlorofluoromethane	50.000	44.464	11.1	85	0.00
8 T	Diethyl Ether	50.000	46.425	7.2	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.172	7.7	86	0.00
10 T	Methyl Iodide	50.000	33.338	33.3#	59	0.00
11 T	Tert butyl alcohol	250.000	238.942	4.4	82	0.00
12 CM	1,1-Dichloroethene	50.000	50.816	-1.6#	89	0.00
13 T	Acrolein	250.000	365.341	-46.1#	123	0.00
14 T	Allyl chloride	50.000	45.403	9.2	82	0.00
15 T	Acrylonitrile	250.000	254.440	-1.8	87	0.00
16 T	Acetone	250.000	200.498	19.8	74	0.00
17 T	Carbon Disulfide	50.000	46.015	8.0	84	0.00
18 T	Methyl Acetate	50.000	47.848	4.3	88	0.00
19 T	Methyl tert-butyl Ether	50.000	50.170	-0.3	88	0.00
20 T	Methylene Chloride	50.000	50.229	-0.5	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.900	2.2	85	0.00
22 T	Diisopropyl ether	50.000	49.168	1.7	86	0.00
23 T	Vinyl Acetate	250.000	260.779	-4.3	85	0.00
24 P	1,1-Dichloroethane	50.000	47.546	4.9	86	0.00
25 T	2-Butanone	250.000	237.893	4.8	81	0.00
26 T	2,2-Dichloropropane	50.000	33.365	33.3#	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.818	4.4	85	0.00
28 T	Bromochloromethane	50.000	51.213	-2.4	85	0.00
29 T	Tetrahydrofuran	250.000	244.786	2.1	86	0.00
30 C	Chloroform	50.000	48.411	3.2#	88	0.00
31 T	Cyclohexane	50.000	48.338	3.3	84	0.00
32 T	1,1,1-Trichloroethane	50.000	51.032	-2.1	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.760	-3.5	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	50.744	-1.5	85	0.00
36 T	1,1-Dichloropropene	50.000	44.935	10.1	85	0.00
37 T	Ethyl Acetate	50.000	49.916	0.2	86	0.00
38 T	Carbon Tetrachloride	50.000	47.119	5.8	85	0.00
39 T	Methylcyclohexane	50.000	48.856	2.3	86	0.00
40 TM	Benzene	50.000	47.682	4.6	87	0.00
41 T	Methacrylonitrile	50.000	50.173	-0.3	86	0.00
42 TM	1,2-Dichloroethane	50.000	47.653	4.7	86	0.00
43 T	Isopropyl Acetate	50.000	53.003	-6.0	96	0.00
44 TM	Trichloroethene	50.000	48.461	3.1	87	0.00
45 C	1,2-Dichloropropane	50.000	49.899	0.2#	87	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	50.000	48.934	2.1	87	0.00
47 T	Bromodichloromethane	50.000	50.059	-0.1	85	0.00
48 T	Methyl methacrylate	50.000	51.301	-2.6	88	0.00
49 T	1,4-Dioxane	1000.000	990.700	0.9	82	0.00
50 S	Toluene-d8	50.000	52.492	-5.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.373	-12.1	89	0.00
52 CM	Toluene	50.000	49.079	1.8#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	50.402	-0.8	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.630	2.7	82	0.00
55 T	1,1,2-Trichloroethane	50.000	50.280	-0.6	87	0.00
56 T	Ethyl methacrylate	50.000	53.825	-7.7	88	0.00
57 T	1,3-Dichloropropane	50.000	49.445	1.1	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.856	-7.9	84	0.00
59 T	2-Hexanone	250.000	270.514	-8.2	86	0.00
60 T	Dibromochloromethane	50.000	52.577	-5.2	85	0.00
61 T	1,2-Dibromoethane	50.000	51.342	-2.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	52.812	-5.6	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	48.856	2.3	90	0.00
65 PM	Chlorobenzene	50.000	49.202	1.6	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.208	-4.4	87	0.00
67 C	Ethyl Benzene	50.000	51.305	-2.6#	87	0.00
68 T	m/p-Xylenes	100.000	99.362	0.6	86	0.00
69 T	o-Xylene	50.000	51.667	-3.3	89	0.00
70 T	Styrene	50.000	52.954	-5.9	88	0.00
71 P	Bromoform	50.000	47.758	4.5	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	51.262	-2.5	87	0.00
74 T	N-amyl acetate	50.000	54.090	-8.2	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.700	0.6	87	0.00
76 T	1,2,3-Trichloropropane	50.000	52.723	-5.4	94	0.00
77 T	Bromobenzene	50.000	48.341	3.3	87	0.00
78 T	n-propylbenzene	50.000	52.759	-5.5	88	0.00
79 T	2-Chlorotoluene	50.000	50.332	-0.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.262	-4.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.130	15.7	76	0.00
82 T	4-Chlorotoluene	50.000	50.985	-2.0	87	0.00
83 T	tert-Butylbenzene	50.000	51.915	-3.8	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.432	-6.9	88	0.00
85 T	sec-Butylbenzene	50.000	53.614	-7.2	88	0.00
86 T	p-Isopropyltoluene	50.000	54.680	-9.4	88	0.00
87 T	1,3-Dichlorobenzene	50.000	51.655	-3.3	89	0.00
88 T	1,4-Dichlorobenzene	50.000	50.337	-0.7	87	0.00
89 T	n-Butylbenzene	50.000	52.568	-5.1	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.990	4.0	87	0.00
91 T	1,2-Dichlorobenzene	50.000	51.124	-2.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.650	-5.3	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.386	-4.8	88	0.00
94 T	Hexachlorobutadiene	50.000	49.524	1.0	86	0.00
95 T	Naphthalene	50.000	55.864	-11.7	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.924	-3.8	85	0.00

(#) = Out of Range

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