

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091919\
 Data File : VN058206.D
 Acq On : 19 Sep 2019 15:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 08:04:28 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	44.657	10.7	75	0.00
3 P	Chloromethane	50.000	47.705	4.6	77	0.00
4 C	Vinyl Chloride	50.000	48.057	3.9#	76	0.00
5 T	Bromomethane	50.000	49.511	1.0	80	0.00
6 T	Chloroethane	50.000	49.624	0.8	76	0.00
7 T	Trichlorofluoromethane	50.000	45.726	8.5	80	0.00
8 T	Diethyl Ether	50.000	45.105	9.8	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.870	8.3	78	0.00
10 T	Methyl Iodide	50.000	44.817	10.4	72	0.00
11 T	Tert butyl alcohol	250.000	239.796	4.1	76	0.00
12 CM	1,1-Dichloroethene	50.000	46.730	6.5#	75	0.00
13 T	Acrolein	250.000	290.612	-16.2	89	0.00
14 T	Allyl chloride	50.000	46.384	7.2	77	0.00
15 T	Acrylonitrile	250.000	247.652	0.9	78	0.00
16 T	Acetone	250.000	236.734	5.3	80	0.00
17 T	Carbon Disulfide	50.000	42.215	15.6	71	0.00
18 T	Methyl Acetate	50.000	46.287	7.4	78	0.00
19 T	Methyl tert-butyl Ether	50.000	48.483	3.0	78	0.00
20 T	Methylene Chloride	50.000	48.742	2.5	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.364	5.3	76	0.00
22 T	Diisopropyl ether	50.000	49.190	1.6	79	0.00
23 T	Vinyl Acetate	250.000	259.455	-3.8	78	0.00
24 P	1,1-Dichloroethane	50.000	47.488	5.0	79	0.00
25 T	2-Butanone	250.000	249.890	0.0	78	0.00
26 T	2,2-Dichloropropane	50.000	46.721	6.6	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.051	5.9	77	0.00
28 T	Bromochloromethane	50.000	51.460	-2.9	78	0.00
29 T	Tetrahydrofuran	250.000	239.551	4.2	78	0.00
30 C	Chloroform	50.000	47.722	4.6#	79	0.00
31 T	Cyclohexane	50.000	47.390	5.2	75	0.00
32 T	1,1,1-Trichloroethane	50.000	48.944	2.1	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.046	-2.1	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	50.645	-1.3	76	0.00
36 T	1,1-Dichloropropene	50.000	45.071	9.9	77	0.00
37 T	Ethyl Acetate	50.000	49.258	1.5	77	0.00
38 T	Carbon Tetrachloride	50.000	46.970	6.1	77	0.00
39 T	Methylcyclohexane	50.000	47.450	5.1	75	0.00
40 TM	Benzene	50.000	47.478	5.0	78	0.00
41 T	Methacrylonitrile	50.000	48.738	2.5	76	0.00
42 TM	1,2-Dichloroethane	50.000	47.681	4.6	78	0.00
43 T	Isopropyl Acetate	50.000	48.218	3.6	79	0.00
44 TM	Trichloroethene	50.000	47.338	5.3	77	0.00
45 C	1,2-Dichloropropane	50.000	49.798	0.4#	79	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	48.855	2.3	78	0.00
47 T	Bromodichloromethane	50.000	50.856	-1.7	78	0.00
48 T	Methyl methacrylate	50.000	49.894	0.2	77	0.00
49 T	1,4-Dioxane	1000.000	1019.968	-2.0	76	0.00
50 S	Toluene-d8	50.000	52.735	-5.5	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	276.403	-10.6	79	0.00
52 CM	Toluene	50.000	49.068	1.9#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	52.725	-5.5	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.431	-2.9	78	0.00
55 T	1,1,2-Trichloroethane	50.000	50.804	-1.6	79	0.00
56 T	Ethyl methacrylate	50.000	52.703	-5.4	78	0.00
57 T	1,3-Dichloropropane	50.000	50.228	-0.5	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.309	-9.7	77	0.00
59 T	2-Hexanone	250.000	274.350	-9.7	79	0.00
60 T	Dibromochloromethane	50.000	53.309	-6.6	78	0.00
61 T	1,2-Dibromoethane	50.000	50.810	-1.6	79	0.00
62 S	4-Bromofluorobenzene	50.000	52.597	-5.2	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	46.103	7.8	78	0.00
65 PM	Chlorobenzene	50.000	48.892	2.2	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.247	-2.5	78	0.00
67 C	Ethyl Benzene	50.000	51.718	-3.4#	80	0.00
68 T	m/p-Xylenes	100.000	99.574	0.4	79	0.00
69 T	o-Xylene	50.000	51.437	-2.9	81	0.00
70 T	Styrene	50.000	52.760	-5.5	80	0.00
71 P	Bromoform	50.000	46.876	6.2	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	52.362	-4.7	80	0.00
74 T	N-amyl acetate	50.000	53.211	-6.4	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.724	-1.4	79	0.00
76 T	1,2,3-Trichloropropane	50.000	56.888	-13.8	91	0.00
77 T	Bromobenzene	50.000	48.630	2.7	79	0.00
78 T	n-propylbenzene	50.000	54.081	-8.2	81	0.00
79 T	2-Chlorotoluene	50.000	51.588	-3.2	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.946	-5.9	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.098	7.8	76	0.00
82 T	4-Chlorotoluene	50.000	51.766	-3.5	80	0.00
83 T	tert-Butylbenzene	50.000	52.212	-4.4	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.530	-9.1	81	0.00
85 T	sec-Butylbenzene	50.000	54.383	-8.8	80	0.00
86 T	p-Isopropyltoluene	50.000	55.017	-10.0	80	0.00
87 T	1,3-Dichlorobenzene	50.000	51.738	-3.5	80	0.00
88 T	1,4-Dichlorobenzene	50.000	50.727	-1.5	79	0.00
89 T	n-Butylbenzene	50.000	53.783	-7.6	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.255	3.5	79	0.00
91 T	1,2-Dichlorobenzene	50.000	51.245	-2.5	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.304	-4.6	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.931	-3.9	78	0.00
94 T	Hexachlorobutadiene	50.000	49.172	1.7	77	0.00
95 T	Naphthalene	50.000	53.345	-6.7	75	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.365	-2.7	76	0.00

(#) = Out of Range

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