

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102419\
 Data File : VN058915.D
 Acq On : 23 Oct 2019 9:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 01:20:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	48.220	3.6	80	0.00
3 P	Chloromethane	50.000	45.836	8.3	78	0.00
4 C	Vinyl Chloride	50.000	45.814	8.4#	76	0.00
5 T	Bromomethane	50.000	45.765	8.5	76	0.00
6 T	Chloroethane	50.000	46.509	7.0	79	0.00
7 T	Trichlorofluoromethane	50.000	48.084	3.8	79	0.00
8 T	Diethyl Ether	50.000	48.311	3.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.264	3.5	83	0.00
10 T	Methyl Iodide	50.000	47.941	4.1	79	0.00
11 T	Tert butyl alcohol	250.000	224.092	10.4	77	0.00
12 CM	1,1-Dichloroethene	50.000	48.109	3.8#	81	0.00
13 T	Acrolein	250.000	209.492	16.2	67	0.00
14 T	Allyl chloride	50.000	48.457	3.1	80	0.00
15 T	Acrylonitrile	250.000	245.661	1.7	79	0.00
16 T	Acetone	250.000	277.051	-10.8	87	0.00
17 T	Carbon Disulfide	50.000	45.773	8.5	76	0.00
18 T	Methyl Acetate	50.000	47.240	5.5	83	0.00
19 T	Methyl tert-butyl Ether	50.000	50.096	-0.2	81	0.00
20 T	Methylene Chloride	50.000	46.724	6.6	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.825	2.3	81	0.00
22 T	Diisopropyl ether	50.000	51.799	-3.6	83	0.00
23 T	Vinyl Acetate	250.000	271.854	-8.7	81	0.00
24 P	1,1-Dichloroethane	50.000	48.742	2.5	83	0.00
25 T	2-Butanone	250.000	254.517	-1.8	81	0.00
26 T	2,2-Dichloropropane	50.000	48.961	2.1	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.108	-0.2	82	0.00
28 T	Bromochloromethane	50.000	49.639	0.7	82	0.00
29 T	Tetrahydrofuran	250.000	245.056	2.0	77	0.00
30 C	Chloroform	50.000	48.488	3.0#	83	0.00
31 T	Cyclohexane	50.000	45.679	8.6	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.296	1.4	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.663	2.7	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	50.670	-1.3	80	0.00
36 T	1,1-Dichloropropene	50.000	52.928	-5.9	81	0.00
37 T	Ethyl Acetate	50.000	52.801	-5.6	79	0.00
38 T	Carbon Tetrachloride	50.000	50.551	-1.1	81	0.00
39 T	Methylcyclohexane	50.000	51.510	-3.0	77	0.00
40 TM	Benzene	50.000	52.051	-4.1	81	0.00
41 T	Methacrylonitrile	50.000	53.336	-6.7	86	0.00
42 TM	1,2-Dichloroethane	50.000	51.652	-3.3	82	0.00
43 T	Isopropyl Acetate	50.000	52.099	-4.2	80	0.00
44 TM	Trichloroethene	50.000	51.595	-3.2	81	0.00
45 C	1,2-Dichloropropane	50.000	52.200	-4.4#	82	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	52.136	-4.3	82	0.00
47 T	Bromodichloromethane	50.000	52.799	-5.6	83	0.00
48 T	Methyl methacrylate	50.000	53.324	-6.6	78	0.00
49 T	1,4-Dioxane	1000.000	1058.256	-5.8	82	0.00
50 S	Toluene-d8	50.000	51.137	-2.3	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.767	-11.9	79	0.00
52 CM	Toluene	50.000	53.841	-7.7#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	53.069	-6.1	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.321	-6.6	80	0.00
55 T	1,1,2-Trichloroethane	50.000	51.409	-2.8	82	0.00
56 T	Ethyl methacrylate	50.000	48.227	3.5	80	0.00
57 T	1,3-Dichloropropane	50.000	52.758	-5.5	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.599	3.0	78	0.00
59 T	2-Hexanone	250.000	285.203	-14.1	80	0.00
60 T	Dibromochloromethane	50.000	53.399	-6.8	82	0.00
61 T	1,2-Dibromoethane	50.000	52.797	-5.6	81	0.00
62 S	4-Bromofluorobenzene	50.000	51.918	-3.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	49.521	1.0	80	0.00
65 PM	Chlorobenzene	50.000	51.108	-2.2	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.076	-4.2	83	0.00
67 C	Ethyl Benzene	50.000	54.245	-8.5#	81	0.00
68 T	m/p-Xylenes	100.000	108.846	-8.8	81	0.00
69 T	o-Xylene	50.000	53.859	-7.7	81	0.00
70 T	Styrene	50.000	49.282	1.4	82	0.00
71 P	Bromoform	50.000	51.511	-3.0	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	52.467	-4.9	81	0.00
74 T	N-amyl acetate	50.000	52.397	-4.8	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.084	1.8	81	0.00
76 T	1,2,3-Trichloropropane	50.000	46.822	6.4	79	0.00
77 T	Bromobenzene	50.000	50.347	-0.7	82	0.00
78 T	n-propylbenzene	50.000	53.977	-8.0	82	0.00
79 T	2-Chlorotoluene	50.000	51.751	-3.5	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.701	-9.4	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.536	0.9	78	0.00
82 T	4-Chlorotoluene	50.000	53.019	-6.0	83	0.00
83 T	tert-Butylbenzene	50.000	52.997	-6.0	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.211	-12.4	83	0.00
85 T	sec-Butylbenzene	50.000	54.124	-8.2	81	0.00
86 T	p-Isopropyltoluene	50.000	55.820	-11.6	82	0.00
87 T	1,3-Dichlorobenzene	50.000	52.934	-5.9	84	0.00
88 T	1,4-Dichlorobenzene	50.000	51.322	-2.6	82	0.00
89 T	n-Butylbenzene	50.000	54.612	-9.2	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.558	-1.1	82	0.00
91 T	1,2-Dichlorobenzene	50.000	52.455	-4.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.347	7.3	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.241	5.5	79	0.00
94 T	Hexachlorobutadiene	50.000	49.601	0.8	80	0.00
95 T	Naphthalene	50.000	44.875	10.3	74	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.433	5.1	80	0.00

(#) = Out of Range

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