

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050119\
 Data File : VN055334.D
 Acq On : 1 May 2019 17:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 02 04:08:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	49.479	1.0	86	0.00
3 P	Chloromethane	50.000	46.751	6.5	87	0.00
4 C	Vinyl Chloride	50.000	46.406	7.2#	88	0.00
5 T	Bromomethane	50.000	46.837	6.3	86	0.00
6 T	Chloroethane	50.000	46.447	7.1	89	0.00
7 T	Trichlorofluoromethane	50.000	48.413	3.2	93	0.00
8 T	Diethyl Ether	50.000	48.943	2.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.761	4.5	90	0.00
10 T	Methyl Iodide	50.000	49.957	0.1	89	0.00
11 T	Tert butyl alcohol	250.000	267.363	-6.9	97	0.00
12 CM	1,1-Dichloroethene	50.000	47.712	4.6#	90	0.00
13 T	Acrolein	250.000	244.707	2.1	85	0.00
14 T	Allyl chloride	50.000	48.365	3.3	89	0.00
15 T	Acrylonitrile	250.000	262.843	-5.1	94	0.00
16 T	Acetone	250.000	247.346	1.1	96	0.00
17 T	Carbon Disulfide	50.000	44.885	10.2	81	0.00
18 T	Methyl Acetate	50.000	54.431	-8.9	96	0.00
19 T	Methyl tert-butyl Ether	50.000	51.000	-2.0	91	0.00
20 T	Methylene Chloride	50.000	45.520	9.0	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.345	5.3	88	0.00
22 T	Diisopropyl ether	50.000	50.788	-1.6	92	0.00
23 T	Vinyl Acetate	250.000	267.443	-7.0	91	0.00
24 P	1,1-Dichloroethane	50.000	49.025	2.0	93	0.00
25 T	2-Butanone	250.000	267.304	-6.9	94	0.00
26 T	2,2-Dichloropropane	50.000	48.296	3.4	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.935	0.1	91	0.00
28 T	Bromochloromethane	50.000	48.305	3.4	91	0.00
29 T	Tetrahydrofuran	250.000	270.694	-8.3	96	0.00
30 C	Chloroform	50.000	49.388	1.2#	93	0.00
31 T	Cyclohexane	50.000	44.266	11.5	85	0.00
32 T	1,1,1-Trichloroethane	50.000	48.737	2.5	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.209	-2.4	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.842	-1.7	95	0.00
36 T	1,1-Dichloropropene	50.000	47.246	5.5	90	0.00
37 T	Ethyl Acetate	50.000	51.113	-2.2	97	0.00
38 T	Carbon Tetrachloride	50.000	47.015	6.0	90	0.00
39 T	Methylcyclohexane	50.000	44.644	10.7	82	0.00
40 TM	Benzene	50.000	48.920	2.2	90	0.00
41 T	Methacrylonitrile	50.000	52.428	-4.9	93	0.00
42 TM	1,2-Dichloroethane	50.000	48.666	2.7	92	0.00
43 T	Isopropyl Acetate	50.000	54.118	-8.2	95	0.00
44 TM	Trichloroethene	50.000	47.047	5.9	89	0.00
45 C	1,2-Dichloropropane	50.000	49.165	1.7#	92	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	49.503	1.0	92	0.00
47 T	Bromodichloromethane	50.000	50.472	-0.9	93	0.00
48 T	Methyl methacrylate	50.000	51.032	-2.1	90	0.00
49 T	1,4-Dioxane	1000.000	1071.273	-7.1	97	0.00
50 S	Toluene-d8	50.000	51.003	-2.0	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.157	-8.5	96	0.00
52 CM	Toluene	50.000	49.854	0.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	54.880	-9.8	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.248	-4.5	89	0.00
55 T	1,1,2-Trichloroethane	50.000	50.127	-0.3	92	0.00
56 T	Ethyl methacrylate	50.000	54.572	-9.1	92	0.00
57 T	1,3-Dichloropropane	50.000	50.605	-1.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.074	7.2	91	0.00
59 T	2-Hexanone	250.000	270.798	-8.3	96	0.00
60 T	Dibromochloromethane	50.000	52.918	-5.8	91	0.00
61 T	1,2-Dibromoethane	50.000	52.039	-4.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	54.015	-8.0	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	44.983	10.0	89	0.00
65 PM	Chlorobenzene	50.000	48.284	3.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.551	2.9	92	0.00
67 C	Ethyl Benzene	50.000	48.659	2.7#	89	0.00
68 T	m/p-Xylenes	100.000	100.503	-0.5	91	0.00
69 T	o-Xylene	50.000	49.966	0.1	92	0.00
70 T	Styrene	50.000	53.900	-7.8	92	0.00
71 P	Bromoform	50.000	55.215	-10.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	51.892	-3.8	89	0.00
74 T	N-amyl acetate	50.000	54.144	-8.3	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.429	-10.9	95	0.00
76 T	1,2,3-Trichloropropane	50.000	58.497	-17.0	101	0.00
77 T	Bromobenzene	50.000	53.540	-7.1	93	0.00
78 T	n-propylbenzene	50.000	44.040	11.9	87	0.00
79 T	2-Chlorotoluene	50.000	51.617	-3.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.328	13.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.755	2.5	92	0.00
82 T	4-Chlorotoluene	50.000	45.248	9.5	90	0.00
83 T	tert-Butylbenzene	50.000	50.788	-1.6	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.529	6.9	88	0.00
85 T	sec-Butylbenzene	50.000	43.002	14.0	87	0.00
86 T	p-Isopropyltoluene	50.000	45.129	9.7	86	0.00
87 T	1,3-Dichlorobenzene	50.000	46.898	6.2	89	0.00
88 T	1,4-Dichlorobenzene	50.000	48.402	3.2	90	0.00
89 T	n-Butylbenzene	50.000	49.274	1.5	86	0.00

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90 T	Hexachloroethane	50.000	48.927	2.1	86	0.00
91 T	1,2-Dichlorobenzene	50.000	47.192	5.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.475	-13.0	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.046	11.9	84	0.00
94 T	Hexachlorobutadiene	50.000	53.191	-6.4	90	0.00
95 T	Naphthalene	50.000	42.951	14.1	84	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.044	9.9	85	0.00

(#) = Out of Range

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