

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050619\
 Data File : VN055405.D
 Acq On : 6 May 2019 9:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 01:19:29 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	45.132	9.7	84	0.00
3 P	Chloromethane	50.000	40.376	19.2	80	0.00
4 C	Vinyl Chloride	50.000	44.820	10.4#	91	0.00
5 T	Bromomethane	50.000	47.185	5.6	93	0.00
6 T	Chloroethane	50.000	47.154	5.7	97	0.00
7 T	Trichlorofluoromethane	50.000	45.854	8.3	94	0.00
8 T	Diethyl Ether	50.000	46.776	6.4	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.481	5.0	96	0.00
10 T	Methyl Iodide	50.000	44.627	10.7	85	0.00
11 T	Tert butyl alcohol	250.000	212.674	14.9	83	0.00
12 CM	1,1-Dichloroethene	50.000	45.631	8.7#	92	0.00
13 T	Acrolein	250.000	263.133	-5.3	98	0.00
14 T	Allyl chloride	50.000	47.670	4.7	94	0.00
15 T	Acrylonitrile	250.000	225.038	10.0	86	0.00
16 T	Acetone	250.000	244.907	2.0	101	0.00
17 T	Carbon Disulfide	50.000	43.113	13.8	83	0.00
18 T	Methyl Acetate	50.000	47.784	4.4	91	0.00
19 T	Methyl tert-butyl Ether	50.000	46.344	7.3	89	0.00
20 T	Methylene Chloride	50.000	42.344	15.3	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.723	10.6	89	0.00
22 T	Diisopropyl ether	50.000	49.035	1.9	95	0.00
23 T	Vinyl Acetate	250.000	236.565	5.4	87	0.00
24 P	1,1-Dichloroethane	50.000	47.195	5.6	96	0.00
25 T	2-Butanone	250.000	233.201	6.7	88	0.00
26 T	2,2-Dichloropropane	50.000	49.629	0.7	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.488	5.0	93	0.00
28 T	Bromochloromethane	50.000	46.811	6.4	94	0.00
29 T	Tetrahydrofuran	250.000	220.938	11.6	84	0.00
30 C	Chloroform	50.000	47.268	5.5#	95	0.00
31 T	Cyclohexane	50.000	43.945	12.1	91	0.00
32 T	1,1,1-Trichloroethane	50.000	47.298	5.4	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.857	6.3	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	48.628	2.7	95	0.00
36 T	1,1-Dichloropropene	50.000	47.639	4.7	95	0.00
37 T	Ethyl Acetate	50.000	42.247	15.5	84	0.00
38 T	Carbon Tetrachloride	50.000	46.436	7.1	94	0.00
39 T	Methylcyclohexane	50.000	47.929	4.1	92	0.00
40 TM	Benzene	50.000	47.446	5.1	91	0.00
41 T	Methacrylonitrile	50.000	47.215	5.6	88	0.00
42 TM	1,2-Dichloroethane	50.000	46.797	6.4	93	0.00
43 T	Isopropyl Acetate	50.000	46.912	6.2	86	0.00
44 TM	Trichloroethene	50.000	48.010	4.0	95	0.00
45 C	1,2-Dichloropropane	50.000	47.602	4.8#	93	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	45.831	8.3	90	0.00
47 T	Bromodichloromethane	50.000	49.826	0.3	97	0.00
48 T	Methyl methacrylate	50.000	44.581	10.8	83	0.00
49 T	1,4-Dioxane	1000.000	908.947	9.1	86	0.00
50 S	Toluene-d8	50.000	49.580	0.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.820	7.7	86	0.00
52 CM	Toluene	50.000	48.513	3.0#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	51.970	-3.9	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.921	-1.8	91	0.00
55 T	1,1,2-Trichloroethane	50.000	46.675	6.7	90	0.00
56 T	Ethyl methacrylate	50.000	48.031	3.9	85	0.00
57 T	1,3-Dichloropropane	50.000	47.639	4.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	177.464	29.0#	72	0.00
59 T	2-Hexanone	250.000	237.318	5.1	88	0.00
60 T	Dibromochloromethane	50.000	51.409	-2.8	93	0.00
61 T	1,2-Dibromoethane	50.000	46.596	6.8	87	0.00
62 S	4-Bromofluorobenzene	50.000	52.833	-5.7	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	48.039	3.9	97	0.00
65 PM	Chlorobenzene	50.000	48.596	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.361	1.3	94	0.00
67 C	Ethyl Benzene	50.000	50.561	-1.1#	94	0.00
68 T	m/p-Xylenes	100.000	102.813	-2.8	95	0.00
69 T	o-Xylene	50.000	50.475	-1.0	94	0.00
70 T	Styrene	50.000	54.478	-9.0	94	0.00
71 P	Bromoform	50.000	52.328	-4.7	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	53.544	-7.1	95	0.00
74 T	N-amyl acetate	50.000	44.108	11.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.685	4.6	86	0.00
76 T	1,2,3-Trichloropropane	50.000	40.900	18.2	75	0.00
77 T	Bromobenzene	50.000	51.522	-3.0	94	0.00
78 T	n-propylbenzene	50.000	46.186	7.6	96	0.00
79 T	2-Chlorotoluene	50.000	53.254	-6.5	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.883	10.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.072	9.9	89	0.00
82 T	4-Chlorotoluene	50.000	46.369	7.3	96	0.00
83 T	tert-Butylbenzene	50.000	53.442	-6.9	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.322	3.4	96	0.00
85 T	sec-Butylbenzene	50.000	45.898	8.2	97	0.00
86 T	p-Isopropyltoluene	50.000	48.151	3.7	96	0.00
87 T	1,3-Dichlorobenzene	50.000	49.222	1.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.220	-0.4	97	0.00
89 T	n-Butylbenzene	50.000	53.884	-7.8	98	0.00

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90 T	Hexachloroethane	50.000	53.136	-6.3	97	0.00
91 T	1,2-Dichlorobenzene	50.000	48.545	2.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.306	1.4	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.382	3.2	97	0.00
94 T	Hexachlorobutadiene	50.000	61.529	-23.1	107	0.00
95 T	Naphthalene	50.000	42.219	15.6	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.292	3.4	95	0.00

(#) = Out of Range

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