

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN083119\
 Data File : VN057590.D
 Acq On : 30 Aug 2019 15:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 31 00:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 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	46.645	6.7	93	0.00
3 P	Chloromethane	50.000	43.270	13.5	90	0.00
4 C	Vinyl Chloride	50.000	46.228	7.5#	93	0.00
5 T	Bromomethane	50.000	51.968	-3.9	104	0.00
6 T	Chloroethane	50.000	48.150	3.7	99	0.00
7 T	Trichlorofluoromethane	50.000	50.608	-1.2	102	0.00
8 T	Diethyl Ether	50.000	47.018	6.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.597	-3.2	104	0.00
10 T	Methyl Iodide	50.000	50.836	-1.7	99	0.00
11 T	Tert butyl alcohol	250.000	214.888	14.0	90	0.00
12 CM	1,1-Dichloroethene	50.000	50.673	-1.3#	100	0.00
13 T	Acrolein	250.000	212.738	14.9	89	0.00
14 T	Allyl chloride	50.000	46.162	7.7	92	0.00
15 T	Acrylonitrile	250.000	234.021	6.4	91	0.00
16 T	Acetone	250.000	289.009	-15.6	112	0.00
17 T	Carbon Disulfide	50.000	39.641	20.7	81	0.00
18 T	Methyl Acetate	50.000	50.629	-1.3	95	0.00
19 T	Methyl tert-butyl Ether	50.000	44.704	10.6	89	0.00
20 T	Methylene Chloride	50.000	41.555	16.9	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.221	11.6	90	0.00
22 T	Diisopropyl ether	50.000	49.713	0.6	99	0.00
23 T	Vinyl Acetate	250.000	258.024	-3.2	98	0.00
24 P	1,1-Dichloroethane	50.000	47.275	5.5	95	0.00
25 T	2-Butanone	250.000	265.764	-6.3	104	0.00
26 T	2,2-Dichloropropane	50.000	45.557	8.9	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.377	7.2	92	0.00
28 T	Bromochloromethane	50.000	53.317	-6.6	104	0.00
29 T	Tetrahydrofuran	250.000	250.431	-0.2	100	0.00
30 C	Chloroform	50.000	45.355	9.3#	93	0.00
31 T	Cyclohexane	50.000	46.743	6.5	99	0.00
32 T	1,1,1-Trichloroethane	50.000	47.898	4.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.614	4.8	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	44.984	10.0	90	0.00
36 T	1,1-Dichloropropene	50.000	49.312	1.4	95	0.00
37 T	Ethyl Acetate	50.000	48.452	3.1	96	0.00
38 T	Carbon Tetrachloride	50.000	45.917	8.2	88	0.00
39 T	Methylcyclohexane	50.000	50.111	-0.2	96	0.00
40 TM	Benzene	50.000	48.073	3.9	93	0.00
41 T	Methacrylonitrile	50.000	48.033	3.9	104	0.00
42 TM	1,2-Dichloroethane	50.000	50.667	-1.3	100	0.00
43 T	Isopropyl Acetate	50.000	49.392	1.2	97	0.00
44 TM	Trichloroethene	50.000	49.589	0.8	96	0.00
45 C	1,2-Dichloropropane	50.000	50.224	-0.4#	98	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	49.016	2.0	96	0.00
47 T	Bromodichloromethane	50.000	48.481	3.0	93	0.00
48 T	Methyl methacrylate	50.000	48.491	3.0	97	0.00
49 T	1,4-Dioxane	1000.000	998.126	0.2	100	0.00
50 S	Toluene-d8	50.000	50.981	-2.0	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.089	-6.0	100	0.00
52 CM	Toluene	50.000	51.027	-2.1#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	50.687	-1.4	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.656	0.7	92	0.00
55 T	1,1,2-Trichloroethane	50.000	49.850	0.3	93	0.00
56 T	Ethyl methacrylate	50.000	52.135	-4.3	96	0.00
57 T	1,3-Dichloropropane	50.000	50.736	-1.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	292.897	-17.2	98	0.00
59 T	2-Hexanone	250.000	275.758	-10.3	102	0.00
60 T	Dibromochloromethane	50.000	53.319	-6.6	94	0.00
61 T	1,2-Dibromoethane	50.000	52.690	-5.4	96	0.00
62 S	4-Bromofluorobenzene	50.000	54.231	-8.5	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	44.738	10.5	96	0.00
65 PM	Chlorobenzene	50.000	50.061	-0.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.695	4.6	93	0.00
67 C	Ethyl Benzene	50.000	52.026	-4.1#	99	0.00
68 T	m/p-Xylenes	100.000	105.967	-6.0	99	0.00
69 T	o-Xylene	50.000	50.660	-1.3	98	0.00
70 T	Styrene	50.000	55.588	-11.2	99	0.00
71 P	Bromoform	50.000	47.582	4.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.587	-1.2	100	0.00
74 T	N-amyl acetate	50.000	52.830	-5.7	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.216	-4.4	96	0.00
76 T	1,2,3-Trichloropropane	50.000	50.262	-0.5	97	0.00
77 T	Bromobenzene	50.000	43.612	12.8	96	0.00
78 T	n-propylbenzene	50.000	47.466	5.1	100	0.00
79 T	2-Chlorotoluene	50.000	44.849	10.3	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.164	5.7	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.684	10.6	90	0.00
82 T	4-Chlorotoluene	50.000	48.577	2.8	101	0.00
83 T	tert-Butylbenzene	50.000	54.425	-8.8	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.844	-1.7	98	0.00
85 T	sec-Butylbenzene	50.000	48.771	2.5	99	0.00
86 T	p-Isopropyltoluene	50.000	50.691	-1.4	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.605	-1.2	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.778	-1.6	99	0.00
89 T	n-Butylbenzene	50.000	53.021	-6.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	40.086	19.8	90	0.00
91 T	1,2-Dichlorobenzene	50.000	51.857	-3.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.530	8.9	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.703	8.6	101	0.00
94 T	Hexachlorobutadiene	50.000	47.013	6.0	101	0.00
95 T	Naphthalene	50.000	54.364	-8.7	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.841	-7.7	100	0.00

(#) = Out of Range

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