

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN101719\
 Data File : VN058841.D
 Acq On : 17 Oct 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	52.167	-4.3	79	0.00
3 P	Chloromethane	50.000	49.968	0.1	79	0.00
4 C	Vinyl Chloride	50.000	52.000	-4.0#	80	0.00
5 T	Bromomethane	50.000	51.538	-3.1	81	0.00
6 T	Chloroethane	50.000	53.454	-6.9	84	0.00
7 T	Trichlorofluoromethane	50.000	53.933	-7.9	86	0.00
8 T	Diethyl Ether	50.000	52.705	-5.4	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.928	-9.9	87	0.00
10 T	Methyl Iodide	50.000	52.166	-4.3	79	0.00
11 T	Tert butyl alcohol	250.000	269.194	-7.7	86	0.00
12 CM	1,1-Dichloroethene	50.000	53.292	-6.6#	82	0.00
13 T	Acrolein	250.000	145.303	41.9#	45	0.00
14 T	Allyl chloride	50.000	54.230	-8.5	84	0.00
15 T	Acrylonitrile	250.000	295.019	-18.0	89	0.00
16 T	Acetone	250.000	276.188	-10.5	84	0.00
17 T	Carbon Disulfide	50.000	48.060	3.9	76	0.00
18 T	Methyl Acetate	50.000	61.415	-22.8	95	0.00
19 T	Methyl tert-butyl Ether	50.000	56.726	-13.5	85	0.00
20 T	Methylene Chloride	50.000	52.188	-4.4	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.763	-5.5	81	0.00
22 T	Diisopropyl ether	50.000	58.152	-16.3	88	0.00
23 T	Vinyl Acetate	250.000	304.114	-21.6	86	0.00
24 P	1,1-Dichloroethane	50.000	55.948	-11.9	86	0.00
25 T	2-Butanone	250.000	287.765	-15.1	87	0.00
26 T	2,2-Dichloropropane	50.000	49.204	1.6	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.848	-5.7	83	0.00
28 T	Bromochloromethane	50.000	55.464	-10.9	86	0.00
29 T	Tetrahydrofuran	250.000	293.609	-17.4	89	0.00
30 C	Chloroform	50.000	55.651	-11.3#	88	0.00
31 T	Cyclohexane	50.000	50.837	-1.7	81	0.00
32 T	1,1,1-Trichloroethane	50.000	56.388	-12.8	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.991	-10.0	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	56.028	-12.1	84	0.00
36 T	1,1-Dichloropropene	50.000	53.518	-7.0	82	0.00
37 T	Ethyl Acetate	50.000	60.273	-20.5	89	0.00
38 T	Carbon Tetrachloride	50.000	56.502	-13.0	85	0.00
39 T	Methylcyclohexane	50.000	51.837	-3.7	78	0.00
40 TM	Benzene	50.000	55.372	-10.7	85	0.00
41 T	Methacrylonitrile	50.000	59.098	-18.2	83	0.00
42 TM	1,2-Dichloroethane	50.000	56.297	-12.6	87	0.00
43 T	Isopropyl Acetate	50.000	57.681	-15.4	88	0.00
44 TM	Trichloroethene	50.000	53.466	-6.9	82	0.00
45 C	1,2-Dichloropropane	50.000	58.106	-16.2#	88	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	57.540	-15.1	87	0.00
47 T	Bromodichloromethane	50.000	58.899	-17.8	88	0.00
48 T	Methyl methacrylate	50.000	59.163	-18.3	88	0.00
49 T	1,4-Dioxane	1000.000	1083.285	-8.3	83	0.00
50 S	Toluene-d8	50.000	53.099	-6.2	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	322.296	-28.9#	91	0.00
52 CM	Toluene	50.000	55.204	-10.4#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	57.245	-14.5	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.525	-13.0	84	0.00
55 T	1,1,2-Trichloroethane	50.000	55.202	-10.4	89	0.00
56 T	Ethyl methacrylate	50.000	59.508	-19.0	86	0.00
57 T	1,3-Dichloropropane	50.000	57.365	-14.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.264	-11.3	80	0.00
59 T	2-Hexanone	250.000	312.833	-25.1#	89	0.00
60 T	Dibromochloromethane	50.000	58.843	-17.7	87	0.00
61 T	1,2-Dibromoethane	50.000	56.677	-13.4	86	0.00
62 S	4-Bromofluorobenzene	50.000	53.072	-6.1	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	52.658	-5.3	83	0.00
65 PM	Chlorobenzene	50.000	55.190	-10.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.529	-15.1	88	0.00
67 C	Ethyl Benzene	50.000	56.971	-13.9#	84	0.00
68 T	m/p-Xylenes	100.000	112.238	-12.2	83	0.00
69 T	o-Xylene	50.000	55.297	-10.6	84	0.00
70 T	Styrene	50.000	57.009	-14.0	84	0.00
71 P	Bromoform	50.000	61.205	-22.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	55.245	-10.5	84	0.00
74 T	N-amyl acetate	50.000	57.859	-15.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.781	-13.6	90	0.00
76 T	1,2,3-Trichloropropane	50.000	57.407	-14.8	94	0.00
77 T	Bromobenzene	50.000	54.076	-8.2	86	0.00
78 T	n-propylbenzene	50.000	56.046	-12.1	83	0.00
79 T	2-Chlorotoluene	50.000	53.467	-6.9	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.563	-11.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.535	-11.1	85	0.00
82 T	4-Chlorotoluene	50.000	53.819	-7.6	83	0.00
83 T	tert-Butylbenzene	50.000	54.869	-9.7	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.368	-12.7	84	0.00
85 T	sec-Butylbenzene	50.000	56.592	-13.2	84	0.00
86 T	p-Isopropyltoluene	50.000	56.055	-12.1	83	0.00
87 T	1,3-Dichlorobenzene	50.000	53.111	-6.2	84	0.00
88 T	1,4-Dichlorobenzene	50.000	51.616	-3.2	84	0.00
89 T	n-Butylbenzene	50.000	55.082	-10.2	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.167	-16.3	89	0.00
91 T	1,2-Dichlorobenzene	50.000	53.987	-8.0	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.041	-6.1	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.289	-4.6	80	0.00
94 T	Hexachlorobutadiene	50.000	51.444	-2.9	82	0.00
95 T	Naphthalene	50.000	53.009	-6.0	79	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.182	-2.4	80	0.00

(#) = Out of Range

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