

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081519\
 Data File : VN057295.D
 Acq On : 14 Aug 2019 18:40
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081519

Quant Time: Aug 15 08:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	45.788	8.4	103	0.00
3 P	Chloromethane	50.000	47.894	4.2	110	0.00
4 C	Vinyl Chloride	50.000	48.930	2.1#	111	0.00
5 T	Bromomethane	50.000	52.794	-5.6	114	0.00
6 T	Chloroethane	50.000	47.729	4.5	108	0.00
7 T	Trichlorofluoromethane	50.000	47.047	5.9	105	0.00
8 T	Diethyl Ether	50.000	48.775	2.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.985	4.0	106	0.00
10 T	Methyl Iodide	50.000	47.276	5.4	101	0.00
11 T	Tert butyl alcohol	250.000	243.168	2.7	106	0.00
12 CM	1,1-Dichloroethene	50.000	48.858	2.3#	108	0.00
13 T	Acrolein	250.000	233.139	6.7	106	0.00
14 T	Allyl chloride	50.000	49.026	1.9	108	0.00
15 T	Acrylonitrile	250.000	250.720	-0.3	107	0.00
16 T	Acetone	250.000	221.379	11.4	100	0.00
17 T	Carbon Disulfide	50.000	49.672	0.7	110	0.00
18 T	Methyl Acetate	50.000	49.926	0.1	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.789	0.4	109	0.00
20 T	Methylene Chloride	50.000	46.458	7.1	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.923	2.2	110	0.00
22 T	Diisopropyl ether	50.000	49.076	1.8	108	0.00
23 T	Vinyl Acetate	250.000	250.537	-0.2	108	0.00
24 P	1,1-Dichloroethane	50.000	48.246	3.5	107	0.00
25 T	2-Butanone	250.000	240.453	3.8	104	0.00
26 T	2,2-Dichloropropane	50.000	47.830	4.3	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.502	3.0	109	0.00
28 T	Bromochloromethane	50.000	49.781	0.4	110	0.00
29 T	Tetrahydrofuran	250.000	246.478	1.4	107	0.00
30 C	Chloroform	50.000	46.869	6.3#	106	0.00
31 T	Cyclohexane	50.000	47.203	5.6	108	0.00
32 T	1,1,1-Trichloroethane	50.000	49.467	1.1	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.486	3.0	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	48.661	2.7	109	0.00
36 T	1,1-Dichloropropene	50.000	48.692	2.6	111	0.00
37 T	Ethyl Acetate	50.000	51.393	-2.8	107	0.00
38 T	Carbon Tetrachloride	50.000	48.405	3.2	108	0.00
39 T	Methylcyclohexane	50.000	48.189	3.6	107	0.00
40 TM	Benzene	50.000	48.056	3.9	107	0.00
41 T	Methacrylonitrile	50.000	59.301	-18.6	132	0.00
42 TM	1,2-Dichloroethane	50.000	47.307	5.4	106	0.00
43 T	Isopropyl Acetate	50.000	48.797	2.4	105	0.00
44 TM	Trichloroethene	50.000	48.912	2.2	111	0.00
45 C	1,2-Dichloropropane	50.000	49.156	1.7#	110	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	48.232	3.5	108	0.00
47 T	Bromodichloromethane	50.000	48.395	3.2	107	0.00
48 T	Methyl methacrylate	50.000	48.951	2.1	105	0.00
49 T	1,4-Dioxane	1000.000	990.608	0.9	107	0.00
50 S	Toluene-d8	50.000	50.155	-0.3	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	243.246	2.7	106	0.00
52 CM	Toluene	50.000	49.323	1.4#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	50.023	-0.0	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.749	0.5	108	0.00
55 T	1,1,2-Trichloroethane	50.000	48.430	3.1	107	0.00
56 T	Ethyl methacrylate	50.000	51.439	-2.9	108	0.00
57 T	1,3-Dichloropropane	50.000	48.339	3.3	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.585	10.2	106	0.00
59 T	2-Hexanone	250.000	246.127	1.5	105	0.00
60 T	Dibromochloromethane	50.000	50.350	-0.7	108	0.00
61 T	1,2-Dibromoethane	50.000	48.970	2.1	107	0.00
62 S	4-Bromofluorobenzene	50.000	48.852	2.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	46.606	6.8	108	0.00
65 PM	Chlorobenzene	50.000	48.493	3.0	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.846	2.3	107	0.00
67 C	Ethyl Benzene	50.000	48.846	2.3#	108	0.00
68 T	m/p-Xylenes	100.000	99.937	0.1	107	0.00
69 T	o-Xylene	50.000	49.842	0.3	107	0.00
70 T	Styrene	50.000	52.037	-4.1	109	0.00
71 P	Bromoform	50.000	50.472	-0.9	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	54.271	-8.5	107	0.00
74 T	N-amyl acetate	50.000	48.050	3.9	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.875	-9.8	106	0.00
76 T	1,2,3-Trichloropropane	50.000	50.737	-1.5	104	0.00
77 T	Bromobenzene	50.000	52.660	-5.3	107	0.00
78 T	n-propylbenzene	50.000	47.117	5.8	107	0.00
79 T	2-Chlorotoluene	50.000	53.416	-6.8	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.312	-6.6	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.036	3.9	104	0.00
82 T	4-Chlorotoluene	50.000	47.375	5.3	107	0.00
83 T	tert-Butylbenzene	50.000	53.815	-7.6	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.178	5.6	108	0.00
85 T	sec-Butylbenzene	50.000	52.716	-5.4	108	0.00
86 T	p-Isopropyltoluene	50.000	47.455	5.1	108	0.00
87 T	1,3-Dichlorobenzene	50.000	50.101	-0.2	109	0.00
88 T	1,4-Dichlorobenzene	50.000	49.958	0.1	111	0.00
89 T	n-Butylbenzene	50.000	51.209	-2.4	113	0.00

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90 T	Hexachloroethane	50.000	53.026	-6.1	108	0.00
91 T	1,2-Dichlorobenzene	50.000	52.869	-5.7	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.362	3.3	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.589	-11.2	133	0.00
94 T	Hexachlorobutadiene	50.000	58.660	-17.3	113	0.00
95 T	Naphthalene	50.000	65.923	-31.8#	136	0.00
96 T	1,2,3-Trichlorobenzene	50.000	68.700	-37.4#	136	0.00

(#) = Out of Range

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