

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090719\
 Data File : VN057771.D
 Acq On : 7 Sep 2019 21:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 07:23:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	46.341	7.3	87	0.00
3 P	Chloromethane	50.000	38.250	23.5	71	0.00
4 C	Vinyl Chloride	50.000	45.135	9.7#	85	0.00
5 T	Bromomethane	50.000	51.403	-2.8	98	0.00
6 T	Chloroethane	50.000	44.596	10.8	85	0.00
7 T	Trichlorofluoromethane	50.000	41.322	17.4	77	0.00
8 T	Diethyl Ether	50.000	47.217	5.6	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.059	7.9	86	0.00
10 T	Methyl Iodide	50.000	58.407	-16.8	105	0.00
11 T	Tert butyl alcohol	250.000	226.613	9.4	87	0.01
12 CM	1,1-Dichloroethene	50.000	46.279	7.4#	87	0.00
13 T	Acrolein	250.000	209.567	16.2	80	0.00
14 T	Allyl chloride	50.000	44.049	11.9	82	0.00
15 T	Acrylonitrile	250.000	250.029	-0.0	91	0.00
16 T	Acetone	250.000	229.850	8.1	88	0.00
17 T	Carbon Disulfide	50.000	43.006	14.0	79	0.00
18 T	Methyl Acetate	50.000	48.138	3.7	93	0.00
19 T	Methyl tert-butyl Ether	50.000	45.909	8.2	86	0.00
20 T	Methylene Chloride	50.000	44.860	10.3	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.873	6.3	86	0.00
22 T	Diisopropyl ether	50.000	47.343	5.3	89	0.00
23 T	Vinyl Acetate	250.000	240.115	4.0	85	0.00
24 P	1,1-Dichloroethane	50.000	46.505	7.0	87	0.00
25 T	2-Butanone	250.000	247.830	0.9	91	0.00
26 T	2,2-Dichloropropane	50.000	34.107	31.8#	61	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.946	2.1	92	0.00
28 T	Bromochloromethane	50.000	46.163	7.7	95	0.00
29 T	Tetrahydrofuran	250.000	246.894	1.2	93	0.00
30 C	Chloroform	50.000	47.654	4.7#	90	0.00
31 T	Cyclohexane	50.000	42.685	14.6	85	0.00
32 T	1,1,1-Trichloroethane	50.000	48.697	2.6	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.715	6.6	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.492	-1.0	90	0.00
36 T	1,1-Dichloropropene	50.000	47.187	5.6	88	0.00
37 T	Ethyl Acetate	50.000	52.828	-5.7	92	0.00
38 T	Carbon Tetrachloride	50.000	50.048	-0.1	87	0.00
39 T	Methylcyclohexane	50.000	47.034	5.9	84	0.00
40 TM	Benzene	50.000	50.176	-0.4	91	0.00
41 T	Methacrylonitrile	50.000	57.447	-14.9	106	0.00
42 TM	1,2-Dichloroethane	50.000	48.456	3.1	88	0.00
43 T	Isopropyl Acetate	50.000	50.002	-0.0	91	0.00
44 TM	Trichloroethene	50.000	52.586	-5.2	92	0.00
45 C	1,2-Dichloropropane	50.000	49.395	1.2#	87	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	51.798	-3.6	92	0.00
47 T	Bromodichloromethane	50.000	50.218	-0.4	88	0.00
48 T	Methyl methacrylate	50.000	47.943	4.1	88	0.00
49 T	1,4-Dioxane	1000.000	1074.752	-7.5	93	0.00
50 S	Toluene-d8	50.000	50.124	-0.2	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.779	-5.9	92	0.00
52 CM	Toluene	50.000	51.303	-2.6#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	48.027	3.9	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.556	2.9	84	0.00
55 T	1,1,2-Trichloroethane	50.000	51.574	-3.1	93	0.00
56 T	Ethyl methacrylate	50.000	51.170	-2.3	90	0.00
57 T	1,3-Dichloropropane	50.000	49.578	0.8	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.706	-1.5	88	0.00
59 T	2-Hexanone	250.000	271.477	-8.6	94	0.00
60 T	Dibromochloromethane	50.000	49.713	0.6	93	0.00
61 T	1,2-Dibromoethane	50.000	53.708	-7.4	93	0.00
62 S	4-Bromofluorobenzene	50.000	48.015	4.0	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	53.241	-6.5	102	0.00
65 PM	Chlorobenzene	50.000	49.841	0.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.595	-7.2	96	0.00
67 C	Ethyl Benzene	50.000	49.519	1.0#	91	0.00
68 T	m/p-Xylenes	100.000	100.478	-0.5	92	0.00
69 T	o-Xylene	50.000	50.617	-1.2	93	0.00
70 T	Styrene	50.000	51.510	-3.0	94	0.00
71 P	Bromoform	50.000	49.924	0.2	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	48.528	2.9	93	0.00
74 T	N-amyl acetate	50.000	46.321	7.4	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.308	3.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.083	-2.2	104	0.00
77 T	Bromobenzene	50.000	52.692	-5.4	102	0.00
78 T	n-propylbenzene	50.000	47.727	4.5	90	0.00
79 T	2-Chlorotoluene	50.000	46.850	6.3	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.806	2.4	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.302	17.4	79	0.00
82 T	4-Chlorotoluene	50.000	47.340	5.3	92	0.00
83 T	tert-Butylbenzene	50.000	49.084	1.8	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.050	1.9	93	0.00
85 T	sec-Butylbenzene	50.000	47.849	4.3	92	0.00
86 T	p-Isopropyltoluene	50.000	50.252	-0.5	95	0.00
87 T	1,3-Dichlorobenzene	50.000	50.455	-0.9	99	0.00
88 T	1,4-Dichlorobenzene	50.000	50.737	-1.5	100	0.00
89 T	n-Butylbenzene	50.000	46.639	6.7	89	0.00

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90 T	Hexachloroethane	50.000	49.355	1.3	90	0.00
91 T	1,2-Dichlorobenzene	50.000	51.490	-3.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.172	1.7	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.694	-11.4	104	0.00
94 T	Hexachlorobutadiene	50.000	55.704	-11.4	107	0.00
95 T	Naphthalene	50.000	52.509	-5.0	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.789	-11.6	106	0.00

(#) = Out of Range

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