

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091619\
 Data File : VN058132.D
 Acq On : 16 Sep 2019 20:09
 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 17 03:56:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	44.287	11.4	96	0.00
3 P	Chloromethane	50.000	37.488	25.0#	88	0.00
4 C	Vinyl Chloride	50.000	36.291	27.4#	82	0.00
5 T	Bromomethane	50.000	40.667	18.7	86	0.00
6 T	Chloroethane	50.000	36.290	27.4#	84	0.00
7 T	Trichlorofluoromethane	50.000	39.106	21.8	88	0.01
8 T	Diethyl Ether	50.000	46.344	7.3	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.872	8.3	101	0.00
10 T	Methyl Iodide	50.000	44.588	10.8	94	0.00
11 T	Tert butyl alcohol	250.000	219.563	12.2	90	0.00
12 CM	1,1-Dichloroethene	50.000	42.979	14.0#	99	0.00
13 T	Acrolein	250.000	165.907	33.6#	70	0.00
14 T	Allyl chloride	50.000	43.815	12.4	101	0.00
15 T	Acrylonitrile	250.000	240.088	4.0	104	0.00
16 T	Acetone	250.000	200.579	19.8	85	0.00
17 T	Carbon Disulfide	50.000	37.934	24.1	83	0.00
18 T	Methyl Acetate	50.000	51.568	-3.1	112	0.00
19 T	Methyl tert-butyl Ether	50.000	49.272	1.5	105	0.00
20 T	Methylene Chloride	50.000	50.006	-0.0	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.114	15.8	97	0.00
22 T	Diisopropyl ether	50.000	49.251	1.5	105	0.00
23 T	Vinyl Acetate	250.000	252.570	-1.0	102	0.00
24 P	1,1-Dichloroethane	50.000	46.925	6.2	103	0.00
25 T	2-Butanone	250.000	228.636	8.5	96	0.00
26 T	2,2-Dichloropropane	50.000	42.024	16.0	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.887	8.2	102	0.00
28 T	Bromochloromethane	50.000	45.994	8.0	99	0.00
29 T	Tetrahydrofuran	250.000	231.311	7.5	100	0.00
30 C	Chloroform	50.000	47.504	5.0#	104	0.00
31 T	Cyclohexane	50.000	45.289	9.4	94	0.00
32 T	1,1,1-Trichloroethane	50.000	47.310	5.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.364	7.3	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	46.146	7.7	98	0.00
36 T	1,1-Dichloropropene	50.000	43.013	14.0	97	0.00
37 T	Ethyl Acetate	50.000	47.480	5.0	103	0.00
38 T	Carbon Tetrachloride	50.000	48.459	3.1	102	0.00
39 T	Methylcyclohexane	50.000	41.780	16.4	93	0.00
40 TM	Benzene	50.000	46.087	7.8	100	0.00
41 T	Methacrylonitrile	50.000	154.878	-209.8#	331	0.04
42 TM	1,2-Dichloroethane	50.000	48.362	3.3	104	0.00
43 T	Isopropyl Acetate	50.000	50.846	-1.7	106	0.00
44 TM	Trichloroethene	50.000	45.973	8.1	101	0.00
45 C	1,2-Dichloropropane	50.000	48.210	3.6#	103	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	48.617	2.8	104	0.00
47 T	Bromodichloromethane	50.000	51.715	-3.4	103	0.00
48 T	Methyl methacrylate	50.000	47.846	4.3	100	0.00
49 T	1,4-Dioxane	1000.000	819.293	18.1	88	0.00
50 S	Toluene-d8	50.000	45.602	8.8	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.218	-2.9	100	0.00
52 CM	Toluene	50.000	46.518	7.0#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	50.862	-1.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.363	-0.7	100	0.00
55 T	1,1,2-Trichloroethane	50.000	50.184	-0.4	103	0.00
56 T	Ethyl methacrylate	50.000	50.260	-0.5	100	0.00
57 T	1,3-Dichloropropane	50.000	48.744	2.5	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.032	11.6	80	0.00
59 T	2-Hexanone	250.000	245.815	1.7	95	0.00
60 T	Dibromochloromethane	50.000	52.544	-5.1	101	0.00
61 T	1,2-Dibromoethane	50.000	48.694	2.6	100	0.00
62 S	4-Bromofluorobenzene	50.000	45.387	9.2	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	45.279	9.4	102	0.00
65 PM	Chlorobenzene	50.000	47.208	5.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.884	-1.8	102	0.00
67 C	Ethyl Benzene	50.000	48.191	3.6#	100	0.00
68 T	m/p-Xylenes	100.000	95.992	4.0	99	0.00
69 T	o-Xylene	50.000	48.425	3.2	99	0.00
70 T	Styrene	50.000	50.394	-0.8	100	0.00
71 P	Bromoform	50.000	53.409	-6.8	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	47.789	4.4	100	0.00
74 T	N-amyl acetate	50.000	47.701	4.6	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.831	6.3	100	0.00
76 T	1,2,3-Trichloropropane	50.000	64.525	-29.1#	137	0.00
77 T	Bromobenzene	50.000	45.035	9.9	101	0.00
78 T	n-propylbenzene	50.000	48.905	2.2	100	0.00
79 T	2-Chlorotoluene	50.000	46.731	6.5	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.649	2.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.295	5.4	92	0.00
82 T	4-Chlorotoluene	50.000	47.451	5.1	100	0.00
83 T	tert-Butylbenzene	50.000	47.896	4.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.899	2.2	100	0.00
85 T	sec-Butylbenzene	50.000	48.623	2.8	99	0.00
86 T	p-Isopropyltoluene	50.000	49.613	0.8	98	0.00
87 T	1,3-Dichlorobenzene	50.000	47.729	4.5	101	0.00
88 T	1,4-Dichlorobenzene	50.000	46.892	6.2	101	0.00
89 T	n-Butylbenzene	50.000	48.410	3.2	97	0.00

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90 T	Hexachloroethane	50.000	50.540	-1.1	99	0.00
91 T	1,2-Dichlorobenzene	50.000	47.556	4.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.091	-2.2	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.005	8.0	104	0.00
94 T	Hexachlorobutadiene	50.000	48.034	3.9	108	0.00
95 T	Naphthalene	50.000	51.339	-2.7	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.908	2.2	104	0.00

(#) = Out of Range

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