

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121819\
 Data File : VN059662.D
 Acq On : 18 Dec 2019 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 19 06:11:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	52.484	-5.0	88	0.00
3 P	Chloromethane	50.000	52.694	-5.4	86	0.00
4 C	Vinyl Chloride	50.000	48.570	2.9#	80	0.00
5 T	Bromomethane	50.000	56.146	-12.3	92	0.00
6 T	Chloroethane	50.000	61.329	-22.7	101	0.00
7 T	Trichlorofluoromethane	50.000	59.051	-18.1	92	0.00
8 T	Diethyl Ether	50.000	49.658	0.7	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.512	5.0	78	0.00
10 T	Methyl Iodide	50.000	47.252	5.5	74	0.00
11 T	Tert butyl alcohol	250.000	231.206	7.5	78	0.00
12 CM	1,1-Dichloroethene	50.000	48.494	3.0#	79	0.00
13 T	Acrolein	250.000	185.461	25.8#	56	0.00
14 T	Allyl chloride	50.000	47.338	5.3	80	0.00
15 T	Acrylonitrile	250.000	261.445	-4.6	83	0.00
16 T	Acetone	250.000	175.783	29.7#	57	0.00
17 T	Carbon Disulfide	50.000	42.801	14.4	77	0.00
18 T	Methyl Acetate	50.000	50.485	-1.0	85	0.00
19 T	Methyl tert-butyl Ether	50.000	51.939	-3.9	83	0.00
20 T	Methylene Chloride	50.000	48.562	2.9	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.606	2.8	80	0.00
22 T	Diisopropyl ether	50.000	54.358	-8.7	86	0.00
23 T	Vinyl Acetate	250.000	297.066	-18.8	89	0.00
24 P	1,1-Dichloroethane	50.000	53.223	-6.4	85	0.00
25 T	2-Butanone	250.000	240.581	3.8	77	0.00
26 T	2,2-Dichloropropane	50.000	48.832	2.3	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.682	-3.4	82	0.00
28 T	Bromochloromethane	50.000	52.078	-4.2	83	0.00
29 T	Tetrahydrofuran	250.000	268.186	-7.3	87	0.00
30 C	Chloroform	50.000	54.868	-9.7#	88	0.00
31 T	Cyclohexane	50.000	49.615	0.8	83	0.00
32 T	1,1,1-Trichloroethane	50.000	50.695	-1.4	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.597	-1.2	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	51.096	-2.2	82	0.00
36 T	1,1-Dichloropropene	50.000	53.603	-7.2	86	0.00
37 T	Ethyl Acetate	50.000	54.071	-8.1	89	0.00
38 T	Carbon Tetrachloride	50.000	51.449	-2.9	84	0.00
39 T	Methylcyclohexane	50.000	52.969	-5.9	83	0.00
40 TM	Benzene	50.000	52.455	-4.9	84	0.00
41 T	Methacrylonitrile	50.000	55.396	-10.8	87	0.00
42 TM	1,2-Dichloroethane	50.000	53.579	-7.2	85	0.00
43 T	Isopropyl Acetate	50.000	56.372	-12.7	89	0.00
44 TM	Trichloroethene	50.000	50.302	-0.6	82	0.00
45 C	1,2-Dichloropropane	50.000	53.057	-6.1#	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.074	-2.1	83	0.00
47 T	Bromodichloromethane	50.000	53.865	-7.7	85	0.00
48 T	Methyl methacrylate	50.000	53.440	-6.9	84	0.00
49 T	1,4-Dioxane	1000.000	923.959	7.6	67	0.00
50 S	Toluene-d8	50.000	76.308	-52.6#	119	0.00
51 T	4-Methyl-2-Pentanone	250.000	390.613	-56.2#	117	0.00
52 CM	Toluene	50.000	77.879	-55.8#	126	0.00
53 T	t-1,3-Dichloropropene	50.000	75.862	-51.7#	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.122	-8.2	85	0.00
55 T	1,1,2-Trichloroethane	50.000	76.772	-53.5#	122	0.00
56 T	Ethyl methacrylate	50.000	85.121	-70.2#	127	0.00
57 T	1,3-Dichloropropane	50.000	65.941	-31.9#	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	321.205	-28.5#	81	0.00
59 T	2-Hexanone	250.000	301.704	-20.7	90	0.00
60 T	Dibromochloromethane	50.000	56.619	-13.2	89	0.00
61 T	1,2-Dibromoethane	50.000	67.438	-34.9#	108	0.00
62 S	4-Bromofluorobenzene	50.000	55.700	-11.4	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	52.015	-4.0	102	0.00
65 PM	Chlorobenzene	50.000	48.994	2.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.312	-0.6	93	0.00
67 C	Ethyl Benzene	50.000	50.925	-1.8#	92	0.00
68 T	m/p-Xylenes	100.000	99.173	0.8	90	0.00
69 T	o-Xylene	50.000	49.607	0.8	89	0.00
70 T	Styrene	50.000	50.917	-1.8	89	0.00
71 P	Bromoform	50.000	51.714	-3.4	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	51.675	-3.3	89	0.00
74 T	N-amyl acetate	50.000	53.156	-6.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.580	-3.2	89	0.00
76 T	1,2,3-Trichloropropane	50.000	52.642	-5.3	93	0.00
77 T	Bromobenzene	50.000	49.104	1.8	88	0.00
78 T	n-propylbenzene	50.000	52.664	-5.3	90	0.00
79 T	2-Chlorotoluene	50.000	50.727	-1.5	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.512	-3.0	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.830	0.3	87	0.00
82 T	4-Chlorotoluene	50.000	50.614	-1.2	88	0.00
83 T	tert-Butylbenzene	50.000	50.146	-0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.713	-5.4	90	0.00
85 T	sec-Butylbenzene	50.000	52.202	-4.4	89	0.00
86 T	p-Isopropyltoluene	50.000	51.414	-2.8	88	0.00
87 T	1,3-Dichlorobenzene	50.000	47.304	5.4	85	0.00
88 T	1,4-Dichlorobenzene	50.000	46.666	6.7	85	0.00
89 T	n-Butylbenzene	50.000	51.072	-2.1	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.237	-2.5	88	0.00
91 T	1,2-Dichlorobenzene	50.000	46.940	6.1	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.422	11.2	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.538	6.9	87	0.00
94 T	Hexachlorobutadiene	50.000	43.524	13.0	85	0.00
95 T	Naphthalene	50.000	47.179	5.6	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.882	6.2	92	0.00

(#) = Out of Range

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