

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121219\
 Data File : VN059581.D
 Acq On : 12 Dec 2019 18:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 09:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	41.615	16.8	92	0.00
3 P	Chloromethane	50.000	44.956	10.1	99	0.00
4 C	Vinyl Chloride	50.000	45.393	9.2#	98	0.00
5 T	Bromomethane	50.000	33.432	33.1#	75	-0.03
6 T	Chloroethane	50.000	44.437	11.1	99	-0.02
7 T	Trichlorofluoromethane	50.000	45.032	9.9	98	-0.02
8 T	Diethyl Ether	50.000	40.655	18.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.521	15.0	97	0.00
10 T	Methyl Iodide	50.000	40.909	18.2	94	0.00
11 T	Tert butyl alcohol	250.000	185.431	25.8#	85	0.00
12 CM	1,1-Dichloroethene	50.000	41.903	16.2#	99	0.00
13 T	Acrolein	250.000	220.351	11.9	141	0.00
14 T	Allyl chloride	50.000	43.377	13.2	95	0.00
15 T	Acrylonitrile	250.000	226.983	9.2	97	0.00
16 T	Acetone	250.000	187.112	25.2#	91	0.00
17 T	Carbon Disulfide	50.000	40.354	19.3	88	0.00
18 T	Methyl Acetate	50.000	43.571	12.9	100	0.00
19 T	Methyl tert-butyl Ether	50.000	46.362	7.3	98	0.00
20 T	Methylene Chloride	50.000	44.307	11.4	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.696	12.6	97	0.00
22 T	Diisopropyl ether	50.000	45.306	9.4	96	0.00
23 T	Vinyl Acetate	250.000	236.993	5.2	97	0.00
24 P	1,1-Dichloroethane	50.000	45.014	10.0	98	0.00
25 T	2-Butanone	250.000	217.736	12.9	92	0.00
26 T	2,2-Dichloropropane	50.000	43.178	13.6	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.365	11.3	97	0.00
28 T	Bromochloromethane	50.000	48.502	3.0	106	0.00
29 T	Tetrahydrofuran	250.000	211.871	15.3	94	0.00
30 C	Chloroform	50.000	44.887	10.2#	98	0.00
31 T	Cyclohexane	50.000	41.002	18.0	94	0.00
32 T	1,1,1-Trichloroethane	50.000	45.095	9.8	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.873	-7.7	116	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	55.539	-11.1	114	0.00
36 T	1,1-Dichloropropene	50.000	44.712	10.6	96	0.00
37 T	Ethyl Acetate	50.000	43.026	13.9	95	0.00
38 T	Carbon Tetrachloride	50.000	46.175	7.7	97	0.00
39 T	Methylcyclohexane	50.000	45.104	9.8	92	0.00
40 TM	Benzene	50.000	44.950	10.1	95	0.00
41 T	Methacrylonitrile	50.000	43.241	13.5	85	0.00
42 TM	1,2-Dichloroethane	50.000	46.855	6.3	96	0.00
43 T	Isopropyl Acetate	50.000	46.090	7.8	94	0.00
44 TM	Trichloroethene	50.000	45.790	8.4	97	0.00
45 C	1,2-Dichloropropane	50.000	46.116	7.8#	96	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	45.197	9.6	97	0.00
47 T	Bromodichloromethane	50.000	46.525	7.0	96	0.00
48 T	Methyl methacrylate	50.000	48.489	3.0	98	0.00
49 T	1,4-Dioxane	1000.000	755.258	24.5	80	0.00
50 S	Toluene-d8	50.000	53.581	-7.2	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	221.145	11.5	94	0.00
52 CM	Toluene	50.000	46.004	8.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	46.651	6.7	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.340	5.3	96	0.00
55 T	1,1,2-Trichloroethane	50.000	45.736	8.5	97	0.00
56 T	Ethyl methacrylate	50.000	41.094	17.8	97	0.00
57 T	1,3-Dichloropropane	50.000	47.239	5.5	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	182.893	26.8#	140	0.00
59 T	2-Hexanone	250.000	220.447	11.8	94	0.00
60 T	Dibromochloromethane	50.000	42.531	14.9	96	0.00
61 T	1,2-Dibromoethane	50.000	45.971	8.1	96	0.00
62 S	4-Bromofluorobenzene	50.000	52.665	-5.3	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	45.479	9.0	99	0.00
65 PM	Chlorobenzene	50.000	44.115	11.8	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.475	9.0	88	0.00
67 C	Ethyl Benzene	50.000	45.102	9.8#	85	0.00
68 T	m/p-Xylenes	100.000	89.363	10.6	79	0.00
69 T	o-Xylene	50.000	45.209	9.6	79	0.00
70 T	Styrene	50.000	44.374	11.3	78	0.00
71 P	Bromoform	50.000	45.518	9.0	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	43.796	12.4	87	0.00
74 T	N-amyl acetate	50.000	48.412	3.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.099	15.8	80	0.00
76 T	1,2,3-Trichloropropane	50.000	42.900	14.2	86	0.00
77 T	Bromobenzene	50.000	41.667	16.7	78	0.00
78 T	n-propylbenzene	50.000	42.364	15.3	80	0.00
79 T	2-Chlorotoluene	50.000	41.679	16.6	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.280	13.4	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.001	14.0	84	0.00
82 T	4-Chlorotoluene	50.000	42.648	14.7	79	0.00
83 T	tert-Butylbenzene	50.000	43.569	12.9	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.092	11.8	77	0.00
85 T	sec-Butylbenzene	50.000	42.988	14.0	76	0.00
86 T	p-Isopropyltoluene	50.000	43.936	12.1	75	0.00
87 T	1,3-Dichlorobenzene	50.000	41.593	16.8	75	0.00
88 T	1,4-Dichlorobenzene	50.000	42.875	14.2	75	0.00
89 T	n-Butylbenzene	50.000	43.595	12.8	78	0.00

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90 T	Hexachloroethane	50.000	43.435	13.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	44.247	11.5	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.150	11.7	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.630	20.7	70	0.00
94 T	Hexachlorobutadiene	50.000	39.810	20.4	66	0.00
95 T	Naphthalene	50.000	40.164	19.7	73	0.00
96 T	1,2,3-Trichlorobenzene	50.000	40.196	19.6	70	0.00

(#) = Out of Range

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