

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102319\
 Data File : VN058907.D
 Acq On : 22 Oct 2019 14:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 04:35:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	49.015	2.0	81	0.00
3 P	Chloromethane	50.000	46.844	6.3	79	0.00
4 C	Vinyl Chloride	50.000	47.913	4.2#	79	0.00
5 T	Bromomethane	50.000	46.843	6.3	77	0.00
6 T	Chloroethane	50.000	47.947	4.1	81	0.00
7 T	Trichlorofluoromethane	50.000	48.140	3.7	78	0.00
8 T	Diethyl Ether	50.000	49.288	1.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.424	3.2	82	0.00
10 T	Methyl Iodide	50.000	49.135	1.7	80	0.00
11 T	Tert butyl alcohol	250.000	228.628	8.5	77	0.00
12 CM	1,1-Dichloroethene	50.000	48.062	3.9#	80	0.00
13 T	Acrolein	250.000	197.831	20.9	63	0.00
14 T	Allyl chloride	50.000	48.681	2.6	80	0.00
15 T	Acrylonitrile	250.000	250.004	-0.0	79	0.00
16 T	Acetone	250.000	243.383	2.6	76	0.00
17 T	Carbon Disulfide	50.000	45.687	8.6	76	0.00
18 T	Methyl Acetate	50.000	47.305	5.4	82	0.00
19 T	Methyl tert-butyl Ether	50.000	50.952	-1.9	81	0.00
20 T	Methylene Chloride	50.000	46.482	7.0	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.827	2.3	80	0.00
22 T	Diisopropyl ether	50.000	51.657	-3.3	82	0.00
23 T	Vinyl Acetate	250.000	274.434	-9.8	81	0.00
24 P	1,1-Dichloroethane	50.000	49.196	1.6	83	0.00
25 T	2-Butanone	250.000	246.643	1.3	77	0.00
26 T	2,2-Dichloropropane	50.000	50.134	-0.3	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.330	1.3	80	0.00
28 T	Bromochloromethane	50.000	47.453	5.1	78	0.00
29 T	Tetrahydrofuran	250.000	251.841	-0.7	79	0.00
30 C	Chloroform	50.000	48.344	3.3#	82	0.00
31 T	Cyclohexane	50.000	46.764	6.5	78	0.00
32 T	1,1,1-Trichloroethane	50.000	49.666	0.7	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.372	1.3	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	50.461	-0.9	80	0.00
36 T	1,1-Dichloropropene	50.000	51.743	-3.5	80	0.00
37 T	Ethyl Acetate	50.000	52.177	-4.4	79	0.00
38 T	Carbon Tetrachloride	50.000	50.211	-0.4	80	0.00
39 T	Methylcyclohexane	50.000	52.458	-4.9	79	0.00
40 TM	Benzene	50.000	51.689	-3.4	81	0.00
41 T	Methacrylonitrile	50.000	53.291	-6.6	87	0.00
42 TM	1,2-Dichloroethane	50.000	51.555	-3.1	82	0.00
43 T	Isopropyl Acetate	50.000	51.844	-3.7	80	0.00
44 TM	Trichloroethene	50.000	50.656	-1.3	80	0.00
45 C	1,2-Dichloropropane	50.000	51.601	-3.2#	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.837	-3.7	83	0.00
47 T	Bromodichloromethane	50.000	52.084	-4.2	82	0.00
48 T	Methyl methacrylate	50.000	52.968	-5.9	78	0.00
49 T	1,4-Dioxane	1000.000	972.095	2.8	76	0.00
50 S	Toluene-d8	50.000	51.657	-3.3	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.939	-14.8	82	0.00
52 CM	Toluene	50.000	53.845	-7.7#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	53.195	-6.4	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.397	-6.8	81	0.00
55 T	1,1,2-Trichloroethane	50.000	52.000	-4.0	84	0.00
56 T	Ethyl methacrylate	50.000	48.752	2.5	81	0.00
57 T	1,3-Dichloropropane	50.000	51.987	-4.0	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.846	0.5	81	0.00
59 T	2-Hexanone	250.000	281.360	-12.5	80	0.00
60 T	Dibromochloromethane	50.000	53.347	-6.7	83	0.00
61 T	1,2-Dibromoethane	50.000	52.470	-4.9	81	0.00
62 S	4-Bromofluorobenzene	50.000	52.080	-4.2	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	50.388	-0.8	81	0.00
65 PM	Chlorobenzene	50.000	51.908	-3.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.451	-2.9	82	0.00
67 C	Ethyl Benzene	50.000	54.622	-9.2#	81	0.00
68 T	m/p-Xylenes	100.000	109.042	-9.0	81	0.00
69 T	o-Xylene	50.000	54.470	-8.9	82	0.00
70 T	Styrene	50.000	49.854	0.3	82	0.00
71 P	Bromoform	50.000	52.083	-4.2	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	51.837	-3.7	82	0.00
74 T	N-amyl acetate	50.000	53.404	-6.8	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.453	3.1	81	0.00
76 T	1,2,3-Trichloropropane	50.000	50.961	-1.9	88	0.00
77 T	Bromobenzene	50.000	49.471	1.1	82	0.00
78 T	n-propylbenzene	50.000	53.123	-6.2	83	0.00
79 T	2-Chlorotoluene	50.000	50.786	-1.6	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.650	-7.3	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.954	0.1	80	0.00
82 T	4-Chlorotoluene	50.000	51.716	-3.4	83	0.00
83 T	tert-Butylbenzene	50.000	52.387	-4.8	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.929	-9.9	83	0.00
85 T	sec-Butylbenzene	50.000	54.109	-8.2	83	0.00
86 T	p-Isopropyltoluene	50.000	55.149	-10.3	83	0.00
87 T	1,3-Dichlorobenzene	50.000	51.815	-3.6	84	0.00
88 T	1,4-Dichlorobenzene	50.000	50.440	-0.9	82	0.00
89 T	n-Butylbenzene	50.000	55.026	-10.1	83	0.00

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90 T	Hexachloroethane	50.000	50.131	-0.3	84	0.00
91 T	1,2-Dichlorobenzene	50.000	51.835	-3.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.959	8.1	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.249	5.5	81	0.00
94 T	Hexachlorobutadiene	50.000	50.249	-0.5	83	0.00
95 T	Naphthalene	50.000	45.537	8.9	77	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.192	5.6	81	0.00

(#) = Out of Range

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