

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092519\
 Data File : VN058368.D
 Acq On : 25 Sep 2019 15:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 26 03:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	39.835	20.3	59	0.00
3 P	Chloromethane	50.000	46.794	6.4	66	0.00
4 C	Vinyl Chloride	50.000	45.561	8.9#	63	0.00
5 T	Bromomethane	50.000	45.913	8.2	65	0.00
6 T	Chloroethane	50.000	49.027	1.9	66	0.00
7 T	Trichlorofluoromethane	50.000	43.175	13.7	66	0.00
8 T	Diethyl Ether	50.000	45.587	8.8	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.050	7.9	69	0.00
10 T	Methyl Iodide	50.000	44.477	11.0	63	0.00
11 T	Tert butyl alcohol	250.000	285.420	-14.2	79	0.00
12 CM	1,1-Dichloroethene	50.000	46.911	6.2#	66	0.00
13 T	Acrolein	250.000	190.087	24.0	51	0.00
14 T	Allyl chloride	50.000	46.814	6.4	68	0.00
15 T	Acrylonitrile	250.000	272.294	-8.9	75	0.00
16 T	Acetone	250.000	257.564	-3.0	76	0.00
17 T	Carbon Disulfide	50.000	40.865	18.3	60	0.00
18 T	Methyl Acetate	50.000	51.070	-2.1	75	0.00
19 T	Methyl tert-butyl Ether	50.000	50.584	-1.2	71	0.00
20 T	Methylene Chloride	50.000	50.910	-1.8	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.359	5.3	66	0.00
22 T	Diisopropyl ether	50.000	50.298	-0.6	71	0.00
23 T	Vinyl Acetate	250.000	270.035	-8.0	71	0.00
24 P	1,1-Dichloroethane	50.000	47.997	4.0	70	0.00
25 T	2-Butanone	250.000	271.949	-8.8	74	0.00
26 T	2,2-Dichloropropane	50.000	48.092	3.8	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.786	4.4	68	0.00
28 T	Bromochloromethane	50.000	50.638	-1.3	68	0.00
29 T	Tetrahydrofuran	250.000	260.829	-4.3	74	0.00
30 C	Chloroform	50.000	48.561	2.9#	71	0.00
31 T	Cyclohexane	50.000	45.892	8.2	64	0.00
32 T	1,1,1-Trichloroethane	50.000	49.391	1.2	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.914	0.2	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	48.550	2.9	66	0.00
36 T	1,1-Dichloropropene	50.000	43.622	12.8	67	0.00
37 T	Ethyl Acetate	50.000	51.604	-3.2	72	0.00
38 T	Carbon Tetrachloride	50.000	46.086	7.8	68	0.00
39 T	Methylcyclohexane	50.000	45.262	9.5	65	0.00
40 TM	Benzene	50.000	45.702	8.6	67	0.00
41 T	Methacrylonitrile	50.000	52.039	-4.1	73	0.00
42 TM	1,2-Dichloroethane	50.000	48.007	4.0	71	0.00
43 T	Isopropyl Acetate	50.000	51.275	-2.5	75	0.00
44 TM	Trichloroethene	50.000	45.734	8.5	66	0.00
45 C	1,2-Dichloropropane	50.000	48.717	2.6#	69	0.00

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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)
46 T	Dibromomethane	50.000	48.309	3.4	69	0.00
47 T	Bromodichloromethane	50.000	51.549	-3.1	71	0.00
48 T	Methyl methacrylate	50.000	52.204	-4.4	72	0.00
49 T	1,4-Dioxane	1000.000	1178.187	-17.8	79	0.00
50 S	Toluene-d8	50.000	47.753	4.5	63	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.675	-18.7	76	0.00
52 CM	Toluene	50.000	46.492	7.0#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	52.648	-5.3	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.396	-0.8	69	0.00
55 T	1,1,2-Trichloroethane	50.000	50.960	-1.9	71	0.00
56 T	Ethyl methacrylate	50.000	52.819	-5.6	70	0.00
57 T	1,3-Dichloropropane	50.000	49.747	0.5	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.431	-7.4	67	0.00
59 T	2-Hexanone	250.000	290.698	-16.3	75	0.00
60 T	Dibromochloromethane	50.000	53.334	-6.7	70	0.00
61 T	1,2-Dibromoethane	50.000	50.608	-1.2	71	0.00
62 S	4-Bromofluorobenzene	50.000	48.071	3.9	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64 T	Tetrachloroethene	50.000	43.672	12.7	64	0.00
65 PM	Chlorobenzene	50.000	47.941	4.1	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.712	-5.4	70	0.00
67 C	Ethyl Benzene	50.000	49.772	0.5#	68	0.00
68 T	m/p-Xylenes	100.000	96.323	3.7	67	0.00
69 T	o-Xylene	50.000	49.074	1.9	68	0.00
70 T	Styrene	50.000	50.764	-1.5	67	0.00
71 P	Bromoform	50.000	48.199	3.6	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	50.179	-0.4	68	0.00
74 T	N-amyl acetate	50.000	54.355	-8.7	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.820	-3.6	72	0.00
76 T	1,2,3-Trichloropropane	50.000	52.451	-4.9	75	0.00
77 T	Bromobenzene	50.000	46.572	6.9	67	0.00
78 T	n-propylbenzene	50.000	51.846	-3.7	69	0.00
79 T	2-Chlorotoluene	50.000	49.926	0.1	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.240	-2.5	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.714	2.6	72	0.00
82 T	4-Chlorotoluene	50.000	49.510	1.0	68	0.00
83 T	tert-Butylbenzene	50.000	50.405	-0.8	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.626	-5.3	70	0.00
85 T	sec-Butylbenzene	50.000	53.032	-6.1	70	0.00
86 T	p-Isopropyltoluene	50.000	53.267	-6.5	69	0.00
87 T	1,3-Dichlorobenzene	50.000	48.978	2.0	68	0.00
88 T	1,4-Dichlorobenzene	50.000	48.384	3.2	67	0.00
89 T	n-Butylbenzene	50.000	52.334	-4.7	68	0.00

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90 T	Hexachloroethane	50.000	48.579	2.8	71	0.00
91 T	1,2-Dichlorobenzene	50.000	50.014	-0.0	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.446	-10.9	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.362	1.3	66	0.00
94 T	Hexachlorobutadiene	50.000	49.726	0.5	69	0.00
95 T	Naphthalene	50.000	54.185	-8.4	68	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.734	0.5	66	0.00

(#) = Out of Range

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