

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057414.D
 Acq On : 19 Aug 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 09:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	43.282	13.4	84	0.00
3 P	Chloromethane	50.000	41.566	16.9	82	0.00
4 C	Vinyl Chloride	50.000	42.956	14.1#	84	0.00
5 T	Bromomethane	50.000	47.458	5.1	88	0.00
6 T	Chloroethane	50.000	43.836	12.3	85	0.00
7 T	Trichlorofluoromethane	50.000	45.877	8.2	88	0.00
8 T	Diethyl Ether	50.000	45.060	9.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.273	7.5	88	0.00
10 T	Methyl Iodide	50.000	50.480	-1.0	92	0.00
11 T	Tert butyl alcohol	250.000	212.198	15.1	80	0.00
12 CM	1,1-Dichloroethene	50.000	46.029	7.9#	87	0.00
13 T	Acrolein	250.000	138.424	44.6#	54	0.00
14 T	Allyl chloride	50.000	43.021	14.0	81	0.00
15 T	Acrylonitrile	250.000	221.948	11.2	82	0.00
16 T	Acetone	250.000	188.152	24.7	73	0.00
17 T	Carbon Disulfide	50.000	42.821	14.4	82	0.00
18 T	Methyl Acetate	50.000	44.165	11.7	83	0.00
19 T	Methyl tert-butyl Ether	50.000	46.499	7.0	88	0.00
20 T	Methylene Chloride	50.000	44.037	11.9	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.151	7.7	89	0.00
22 T	Diisopropyl ether	50.000	44.331	11.3	84	0.00
23 T	Vinyl Acetate	250.000	219.565	12.2	81	0.00
24 P	1,1-Dichloroethane	50.000	45.052	9.9	86	0.00
25 T	2-Butanone	250.000	205.780	17.7	76	0.00
26 T	2,2-Dichloropropane	50.000	42.334	15.3	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.369	7.3	89	0.00
28 T	Bromochloromethane	50.000	45.314	9.4	86	0.00
29 T	Tetrahydrofuran	250.000	209.465	16.2	78	0.00
30 C	Chloroform	50.000	45.229	9.5#	88	0.00
31 T	Cyclohexane	50.000	41.779	16.4	82	0.00
32 T	1,1,1-Trichloroethane	50.000	48.915	2.2	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.892	2.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	51.808	-3.6	97	0.00
36 T	1,1-Dichloropropene	50.000	45.631	8.7	87	0.00
37 T	Ethyl Acetate	50.000	44.710	10.6	78	0.00
38 T	Carbon Tetrachloride	50.000	49.422	1.2	92	0.00
39 T	Methylcyclohexane	50.000	45.249	9.5	85	0.00
40 TM	Benzene	50.000	46.606	6.8	87	0.00
41 T	Methacrylonitrile	50.000	51.745	-3.5	96	0.00
42 TM	1,2-Dichloroethane	50.000	46.992	6.0	88	0.00
43 T	Isopropyl Acetate	50.000	47.111	5.8	84	0.00
44 TM	Trichloroethene	50.000	48.647	2.7	92	0.00
45 C	1,2-Dichloropropane	50.000	46.386	7.2#	87	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	46.058	7.9	86	0.00
47 T	Bromodichloromethane	50.000	49.071	1.9	91	0.00
48 T	Methyl methacrylate	50.000	43.851	12.3	79	0.00
49 T	1,4-Dioxane	1000.000	903.686	9.6	82	0.00
50 S	Toluene-d8	50.000	52.722	-5.4	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	220.635	11.7	80	0.00
52 CM	Toluene	50.000	48.496	3.0#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	47.797	4.4	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.662	4.7	86	0.00
55 T	1,1,2-Trichloroethane	50.000	48.099	3.8	89	0.00
56 T	Ethyl methacrylate	50.000	48.107	3.8	85	0.00
57 T	1,3-Dichloropropane	50.000	46.528	6.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	175.378	29.8#	68	0.00
59 T	2-Hexanone	250.000	216.909	13.2	77	0.00
60 T	Dibromochloromethane	50.000	51.120	-2.2	92	0.00
61 T	1,2-Dibromoethane	50.000	48.191	3.6	88	0.00
62 S	4-Bromofluorobenzene	50.000	50.819	-1.6	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	47.458	5.1	93	0.00
65 PM	Chlorobenzene	50.000	48.982	2.0	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.011	-0.0	92	0.00
67 C	Ethyl Benzene	50.000	48.045	3.9#	89	0.00
68 T	m/p-Xylenes	100.000	98.597	1.4	89	0.00
69 T	o-Xylene	50.000	49.206	1.6	89	0.00
70 T	Styrene	50.000	51.116	-2.2	90	0.00
71 P	Bromoform	50.000	52.188	-4.4	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	53.590	-7.2	89	0.00
74 T	N-amyl acetate	50.000	41.389	17.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.021	-2.0	84	0.00
76 T	1,2,3-Trichloropropane	50.000	51.812	-3.6	91	0.00
77 T	Bromobenzene	50.000	53.919	-7.8	93	0.00
78 T	n-propylbenzene	50.000	45.992	8.0	89	0.00
79 T	2-Chlorotoluene	50.000	52.013	-4.0	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.666	-5.3	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.542	12.9	80	0.00
82 T	4-Chlorotoluene	50.000	45.714	8.6	88	0.00
83 T	tert-Butylbenzene	50.000	53.655	-7.3	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.264	5.5	92	0.00
85 T	sec-Butylbenzene	50.000	51.539	-3.1	90	0.00
86 T	p-Isopropyltoluene	50.000	46.812	6.4	91	0.00
87 T	1,3-Dichlorobenzene	50.000	48.838	2.3	90	0.00
88 T	1,4-Dichlorobenzene	50.000	48.775	2.5	92	0.00
89 T	n-Butylbenzene	50.000	50.503	-1.0	94	0.00

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90 T	Hexachloroethane	50.000	54.872	-9.7	95	0.00
91 T	1,2-Dichlorobenzene	50.000	49.830	0.3	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.354	13.3	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.263	9.5	90	0.00
94 T	Hexachlorobutadiene	50.000	57.687	-15.4	94	0.00
95 T	Naphthalene	50.000	54.725	-9.5	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.954	-13.9	90	0.00

(#) = Out of Range

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