

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032819\
 Data File : VN054733.D
 Acq On : 28 Mar 2019 10:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 29 05:28:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	57.140	-14.3	99	0.00
3 P	Chloromethane	50.000	55.994	-12.0	99	0.00
4 C	Vinyl Chloride	50.000	49.797	0.4#	86	0.00
5 T	Bromomethane	50.000	46.107	7.8	87	0.00
6 T	Chloroethane	50.000	44.842	10.3	81	0.00
7 T	Trichlorofluoromethane	50.000	50.705	-1.4	89	0.00
8 T	Diethyl Ether	50.000	41.843	16.3	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.081	7.8	84	0.00
10 T	Methyl Iodide	50.000	44.964	10.1	77	0.00
11 T	Tert butyl alcohol	250.000	255.644	-2.3	85	0.00
12 CM	1,1-Dichloroethene	50.000	42.298	15.4#	76	0.00
13 T	Acrolein	250.000	237.998	4.8	83	0.00
14 T	Allyl chloride	50.000	55.751	-11.5	98	0.00
15 T	Acrylonitrile	250.000	276.104	-10.4	93	0.00
16 T	Acetone	250.000	343.846	-37.5#	116	0.00
17 T	Carbon Disulfide	50.000	53.325	-6.7	98	0.00
18 T	Methyl Acetate	50.000	54.158	-8.3	94	0.00
19 T	Methyl tert-butyl Ether	50.000	51.255	-2.5	89	0.00
20 T	Methylene Chloride	50.000	51.789	-3.6	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.274	-10.5	96	0.00
22 T	Diisopropyl ether	50.000	56.239	-12.5	98	0.00
23 T	Vinyl Acetate	250.000	290.599	-16.2	96	0.00
24 P	1,1-Dichloroethane	50.000	55.568	-11.1	97	0.00
25 T	2-Butanone	250.000	335.296	-34.1#	108	0.00
26 T	2,2-Dichloropropane	50.000	57.605	-15.2	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.456	-4.9	93	0.00
28 T	Bromochloromethane	50.000	50.839	-1.7	88	0.00
29 T	Tetrahydrofuran	250.000	277.324	-10.9	90	0.00
30 C	Chloroform	50.000	54.596	-9.2#	95	0.00
31 T	Cyclohexane	50.000	57.787	-15.6	101	0.00
32 T	1,1,1-Trichloroethane	50.000	55.425	-10.8	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.179	1.6	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	49.042	1.9	83	0.00
36 T	1,1-Dichloropropene	50.000	55.484	-11.0	98	0.00
37 T	Ethyl Acetate	50.000	56.523	-13.0	94	0.00
38 T	Carbon Tetrachloride	50.000	52.689	-5.4	93	0.00
39 T	Methylcyclohexane	50.000	55.722	-11.4	99	0.00
40 TM	Benzene	50.000	55.124	-10.2	96	0.00
41 T	Methacrylonitrile	50.000	56.657	-13.3	100	0.00
42 TM	1,2-Dichloroethane	50.000	53.804	-7.6	95	0.00
43 T	Isopropyl Acetate	50.000	56.446	-12.9	93	0.00
44 TM	Trichloroethene	50.000	51.917	-3.8	91	0.00
45 C	1,2-Dichloropropane	50.000	58.176	-16.4#	98	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	54.157	-8.3	93	0.00
47 T	Bromodichloromethane	50.000	57.186	-14.4	97	0.00
48 T	Methyl methacrylate	50.000	51.773	-3.5	88	0.00
49 T	1,4-Dioxane	1000.000	991.052	0.9	83	0.00
50 S	Toluene-d8	50.000	48.097	3.8	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	289.313	-15.7	94	0.00
52 CM	Toluene	50.000	54.712	-9.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	52.477	-5.0	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.052	-18.1	97	0.00
55 T	1,1,2-Trichloroethane	50.000	54.452	-8.9	92	0.00
56 T	Ethyl methacrylate	50.000	55.396	-10.8	90	0.00
57 T	1,3-Dichloropropane	50.000	54.783	-9.6	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.394	0.2	81	0.00
59 T	2-Hexanone	250.000	323.604	-29.4#	106	0.00
60 T	Dibromochloromethane	50.000	56.293	-12.6	92	0.00
61 T	1,2-Dibromoethane	50.000	53.765	-7.5	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.430	-0.9	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	50.410	-0.8	91	0.00
65 PM	Chlorobenzene	50.000	52.700	-5.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.802	-11.6	95	0.00
67 C	Ethyl Benzene	50.000	54.487	-9.0#	96	0.00
68 T	m/p-Xylenes	100.000	106.173	-6.2	94	0.00
69 T	o-Xylene	50.000	52.570	-5.1	93	0.00
70 T	Styrene	50.000	54.524	-9.0	93	0.00
71 P	Bromoform	50.000	49.284	1.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	51.786	-3.6	95	0.00
74 T	N-amyl acetate	50.000	58.628	-17.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.147	-8.3	93	0.00
76 T	1,2,3-Trichloropropane	50.000	56.629	-13.3	98	0.00
77 T	Bromobenzene	50.000	50.810	-1.6	91	0.00
78 T	n-propylbenzene	50.000	54.530	-9.1	98	0.00
79 T	2-Chlorotoluene	50.000	51.974	-3.9	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.772	-3.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.065	-4.1	96	0.00
82 T	4-Chlorotoluene	50.000	53.751	-7.5	96	0.00
83 T	tert-Butylbenzene	50.000	50.169	-0.3	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.193	-4.4	92	0.00
85 T	sec-Butylbenzene	50.000	52.884	-5.8	96	0.00
86 T	p-Isopropyltoluene	50.000	53.027	-6.1	94	0.00
87 T	1,3-Dichlorobenzene	50.000	52.900	-5.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	53.173	-6.3	92	0.00
89 T	n-Butylbenzene	50.000	58.454	-16.9	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.578	-15.2	99	0.00
91 T	1,2-Dichlorobenzene	50.000	52.101	-4.2	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.144	-6.3	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.201	-12.4	90	0.00
94 T	Hexachlorobutadiene	50.000	62.604	-25.2#	99	0.00
95 T	Naphthalene	50.000	53.907	-7.8	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.257	-8.5	87	0.00

(#) = Out of Range

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