

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051974.D
 Acq On : 24 Oct 2018 8:39
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 25 10:10:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	109	0.00
2 T	Dichlorodifluoromethane	50.000	49.251	1.5	110	0.00
3 P	Chloromethane	50.000	47.387	5.2	105	0.00
4 C	Vinyl Chloride	50.000	46.292	7.4#	103	0.00
5 T	Bromomethane	50.000	47.775	4.5	100	0.00
6 T	Chloroethane	50.000	43.768	12.5	96	0.00
7 T	Trichlorofluoromethane	50.000	47.661	4.7	105	0.00
8 T	Diethyl Ether	50.000	46.556	6.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.980	0.0	111	0.00
10 T	Methyl Iodide	50.000	51.497	-3.0	108	0.00
11 T	Tert butyl alcohol	250.000	207.012	17.2	89	0.00
12 CM	1,1-Dichloroethene	50.000	48.948	2.1#	105	0.00
13 T	Acrolein	250.000	215.291	13.9	97	0.00
14 T	Allyl chloride	50.000	49.089	1.8	106	0.00
15 T	Acrylonitrile	250.000	236.514	5.4	99	0.00
16 T	Acetone	250.000	212.158	15.1	93	0.00
17 T	Carbon Disulfide	50.000	52.228	-4.5	112	0.00
18 T	Methyl Acetate	50.000	46.082	7.8	97	0.00
19 T	Methyl tert-butyl Ether	50.000	47.461	5.1	100	0.00
20 T	Methylene Chloride	50.000	46.434	7.1	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.431	1.1	106	0.00
22 T	Diisopropyl ether	50.000	48.225	3.5	102	0.00
23 T	Vinyl Acetate	250.000	242.656	2.9	100	0.00
24 P	1,1-Dichloroethane	50.000	48.654	2.7	104	0.00
25 T	2-Butanone	250.000	230.490	7.8	94	0.00
26 T	2,2-Dichloropropane	50.000	51.607	-3.2	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.484	1.0	105	0.00
28 T	Bromochloromethane	50.000	45.088	9.8	91	0.00
29 T	Tetrahydrofuran	250.000	215.040	14.0	95	0.00
30 C	Chloroform	50.000	48.804	2.4#	104	0.00
31 T	Cyclohexane	50.000	50.570	-1.1	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.705	0.6	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.914	14.2	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	44.834	10.3	94	0.00
36 T	1,1-Dichloropropene	50.000	49.950	0.1	105	0.00
37 T	Ethyl Acetate	50.000	46.971	6.1	96	0.00
38 T	Carbon Tetrachloride	50.000	52.229	-4.5	107	0.00
39 T	Methylcyclohexane	50.000	52.188	-4.4	108	0.00
40 TM	Benzene	50.000	49.834	0.3	103	0.00
41 T	Methacrylonitrile	50.000	47.489	5.0	102	0.00
42 TM	1,2-Dichloroethane	50.000	47.733	4.5	100	0.00
43 T	Isopropyl Acetate	50.000	47.649	4.7	98	0.00
44 TM	Trichloroethene	50.000	50.921	-1.8	108	0.00
45 C	1,2-Dichloropropane	50.000	50.503	-1.0#	104	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.224	3.6	100	0.00
47 T	Bromodichloromethane	50.000	51.381	-2.8	104	0.00
48 T	Methyl methacrylate	50.000	47.245	5.5	98	0.00
49 T	1,4-Dioxane	1000.000	838.594	16.1	80	0.00
50 S	Toluene-d8	50.000	46.080	7.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.948	8.0	95	0.00
52 CM	Toluene	50.000	51.407	-2.8#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	49.175	1.7	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.821	-7.6	106	0.00
55 T	1,1,2-Trichloroethane	50.000	48.669	2.7	100	0.00
56 T	Ethyl methacrylate	50.000	49.505	1.0	98	0.00
57 T	1,3-Dichloropropane	50.000	49.003	2.0	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.032	1.2	99	0.00
59 T	2-Hexanone	250.000	234.989	6.0	94	0.00
60 T	Dibromochloromethane	50.000	47.333	5.3	104	0.00
61 T	1,2-Dibromoethane	50.000	49.830	0.3	99	0.00
62 S	4-Bromofluorobenzene	50.000	47.170	5.7	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	49.720	0.6	108	0.00
65 PM	Chlorobenzene	50.000	50.605	-1.2	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.484	-5.0	105	0.00
67 C	Ethyl Benzene	50.000	51.103	-2.2#	105	0.00
68 T	m/p-Xylenes	100.000	105.892	-5.9	105	0.00
69 T	o-Xylene	50.000	52.927	-5.9	106	0.00
70 T	Styrene	50.000	53.603	-7.2	106	0.00
71 P	Bromoform	50.000	45.121	9.8	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	50.566	-1.1	105	0.00
74 T	N-amyl acetate	50.000	45.252	9.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.786	10.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	40.896	18.2	86	0.00
77 T	Bromobenzene	50.000	51.317	-2.6	107	0.00
78 T	n-propylbenzene	50.000	51.538	-3.1	106	0.00
79 T	2-Chlorotoluene	50.000	50.647	-1.3	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.468	-4.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.060	5.9	101	0.00
82 T	4-Chlorotoluene	50.000	51.785	-3.6	107	0.00
83 T	tert-Butylbenzene	50.000	51.184	-2.4	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.967	-3.9	104	0.00
85 T	sec-Butylbenzene	50.000	51.649	-3.3	104	0.00
86 T	p-Isopropyltoluene	50.000	52.440	-4.9	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.202	-2.4	105	0.00
88 T	1,4-Dichlorobenzene	50.000	52.237	-4.5	105	0.00
89 T	n-Butylbenzene	50.000	51.113	-2.2	103	0.00

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90 T	Hexachloroethane	50.000	54.372	-8.7	107	0.00
91 T	1,2-Dichlorobenzene	50.000	49.937	0.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.669	22.7#	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.698	18.6	84	0.00
94 T	Hexachlorobutadiene	50.000	43.118	13.8	94	0.00
95 T	Naphthalene	50.000	35.000	30.0#	68	0.00
96 T	1,2,3-Trichlorobenzene	50.000	34.590	30.8#	72	0.00

(#) = Out of Range

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