

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059523.D
 Acq On : 6 Dec 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 23:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	49.484	1.0	69	0.00
3 P	Chloromethane	50.000	58.708	-17.4	81	0.00
4 C	Vinyl Chloride	50.000	94.907	-89.8#	140	0.00
5 T	Bromomethane	50.000	93.938	-87.9#	137	0.00
6 T	Chloroethane	50.000	100.400	-100.8#	142	0.00
7 T	Trichlorofluoromethane	50.000	93.736	-87.5#	131	0.00
8 T	Diethyl Ether	50.000	46.190	7.6	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.762	4.5	66	0.00
10 T	Methyl Iodide	50.000	49.208	1.6	63	0.00
11 T	Tert butyl alcohol	250.000	232.951	6.8	65	0.00
12 CM	1,1-Dichloroethene	50.000	47.194	5.6#	64	0.00
13 T	Acrolein	250.000	359.242	-43.7#	93	0.00
14 T	Allyl chloride	50.000	47.457	5.1	65	0.00
15 T	Acrylonitrile	250.000	248.670	0.5	65	0.00
16 T	Acetone	250.000	210.310	15.9	57	0.00
17 T	Carbon Disulfide	50.000	43.638	12.7	62	0.00
18 T	Methyl Acetate	50.000	51.489	-3.0	70	0.00
19 T	Methyl tert-butyl Ether	50.000	50.575	-1.2	68	0.00
20 T	Methylene Chloride	50.000	50.353	-0.7	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.347	5.3	65	0.00
22 T	Diisopropyl ether	50.000	52.256	-4.5	69	0.00
23 T	Vinyl Acetate	250.000	280.171	-12.1	71	0.00
24 P	1,1-Dichloroethane	50.000	50.368	-0.7	67	0.00
25 T	2-Butanone	250.000	237.688	4.9	65	0.00
26 T	2,2-Dichloropropane	50.000	49.573	0.9	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.085	1.8	67	0.00
28 T	Bromochloromethane	50.000	54.706	-9.4	72	0.00
29 T	Tetrahydrofuran	250.000	254.012	-1.6	68	0.00
30 C	Chloroform	50.000	51.916	-3.8#	71	0.00
31 T	Cyclohexane	50.000	47.073	5.9	65	0.00
32 T	1,1,1-Trichloroethane	50.000	52.576	-5.2	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.089	-14.2	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	50.155	-0.3	69	0.00
36 T	1,1-Dichloropropene	50.000	48.646	2.7	67	0.00
37 T	Ethyl Acetate	50.000	50.550	-1.1	70	0.00
38 T	Carbon Tetrachloride	50.000	51.984	-4.0	71	0.00
39 T	Methylcyclohexane	50.000	47.178	5.6	64	0.00
40 TM	Benzene	50.000	49.014	2.0	67	0.00
41 T	Methacrylonitrile	50.000	52.474	-4.9	69	0.00
42 TM	1,2-Dichloroethane	50.000	55.867	-11.7	77	0.00
43 T	Isopropyl Acetate	50.000	54.191	-8.4	72	0.00
44 TM	Trichloroethene	50.000	46.695	6.6	65	0.00
45 C	1,2-Dichloropropane	50.000	49.770	0.5#	68	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	52.214	-4.4	72	0.00
47 T	Bromodichloromethane	50.000	53.435	-6.9	73	0.00
48 T	Methyl methacrylate	50.000	54.587	-9.2	73	0.00
49 T	1,4-Dioxane	1000.000	873.545	12.6	60	0.00
50 S	Toluene-d8	50.000	50.746	-1.5	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.561	-14.2	73	0.00
52 CM	Toluene	50.000	50.023	-0.0#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	51.294	-2.6	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.118	-2.2	68	0.00
55 T	1,1,2-Trichloroethane	50.000	50.325	-0.7	68	0.00
56 T	Ethyl methacrylate	50.000	48.062	3.9	67	0.00
57 T	1,3-Dichloropropane	50.000	51.169	-2.3	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.494	9.4	67	0.00
59 T	2-Hexanone	250.000	282.857	-13.1	72	0.00
60 T	Dibromochloromethane	50.000	52.417	-4.8	71	0.00
61 T	1,2-Dibromoethane	50.000	51.482	-3.0	69	0.00
62 S	4-Bromofluorobenzene	50.000	52.768	-5.5	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	43.676	12.6	65	0.00
65 PM	Chlorobenzene	50.000	47.493	5.0	68	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.351	1.3	69	0.00
67 C	Ethyl Benzene	50.000	49.536	0.9#	68	0.00
68 T	m/p-Xylenes	100.000	99.340	0.7	67	0.00
69 T	o-Xylene	50.000	49.681	0.6	68	0.00
70 T	Styrene	50.000	50.767	-1.5	68	0.00
71 P	Bromoform	50.000	50.336	-0.7	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	47.825	4.3	68	0.00
74 T	N-amyl acetate	50.000	54.499	-9.0	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.489	1.0	71	0.00
76 T	1,2,3-Trichloropropane	50.000	48.758	2.5	76	0.00
77 T	Bromobenzene	50.000	44.507	11.0	66	0.00
78 T	n-propylbenzene	50.000	49.172	1.7	69	0.00
79 T	2-Chlorotoluene	50.000	47.472	5.1	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.474	1.1	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.807	2.4	69	0.00
82 T	4-Chlorotoluene	50.000	47.919	4.2	69	0.00
83 T	tert-Butylbenzene	50.000	47.714	4.6	68	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.313	-0.6	69	0.00
85 T	sec-Butylbenzene	50.000	49.233	1.5	69	0.00
86 T	p-Isopropyltoluene	50.000	49.289	1.4	69	0.00
87 T	1,3-Dichlorobenzene	50.000	46.636	6.7	69	0.00
88 T	1,4-Dichlorobenzene	50.000	45.741	8.5	68	0.00
89 T	n-Butylbenzene	50.000	48.905	2.2	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.204	1.6	72	0.00
91 T	1,2-Dichlorobenzene	50.000	47.380	5.2	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.799	-5.6	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.516	15.0	66	0.00
94 T	Hexachlorobutadiene	50.000	46.589	6.8	64	0.00
95 T	Naphthalene	50.000	40.731	18.5	65	0.00
96 T	1,2,3-Trichlorobenzene	50.000	41.693	16.6	66	0.00

(#) = Out of Range

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