

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058982.D
 Acq On : 25 Oct 2019 14:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 25 23:50:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	46.026	7.9	81	0.00
3 P	Chloromethane	50.000	44.062	11.9	79	0.00
4 C	Vinyl Chloride	50.000	46.485	7.0#	82	0.00
5 T	Bromomethane	50.000	43.486	13.0	77	0.00
6 T	Chloroethane	50.000	46.980	6.0	85	0.00
7 T	Trichlorofluoromethane	50.000	49.335	1.3	86	0.00
8 T	Diethyl Ether	50.000	50.551	-1.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.459	3.1	88	0.00
10 T	Methyl Iodide	50.000	44.709	10.6	78	0.00
11 T	Tert butyl alcohol	250.000	221.267	11.5	80	0.00
12 CM	1,1-Dichloroethene	50.000	48.752	2.5#	86	0.00
13 T	Acrolein	250.000	203.287	18.7	69	0.00
14 T	Allyl chloride	50.000	49.803	0.4	87	0.00
15 T	Acrylonitrile	250.000	240.139	3.9	81	0.00
16 T	Acetone	250.000	232.096	7.2	77	0.00
17 T	Carbon Disulfide	50.000	44.208	11.6	78	0.00
18 T	Methyl Acetate	50.000	47.107	5.8	87	0.00
19 T	Methyl tert-butyl Ether	50.000	52.231	-4.5	89	0.00
20 T	Methylene Chloride	50.000	47.976	4.0	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.180	1.6	86	0.00
22 T	Diisopropyl ether	50.000	53.144	-6.3	90	0.00
23 T	Vinyl Acetate	250.000	273.678	-9.5	86	0.00
24 P	1,1-Dichloroethane	50.000	49.654	0.7	89	0.00
25 T	2-Butanone	250.000	233.416	6.6	78	0.00
26 T	2,2-Dichloropropane	50.000	50.979	-2.0	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.810	-3.6	90	0.00
28 T	Bromochloromethane	50.000	48.180	3.6	84	0.00
29 T	Tetrahydrofuran	250.000	236.329	5.5	79	0.00
30 C	Chloroform	50.000	49.206	1.6#	89	0.00
31 T	Cyclohexane	50.000	46.579	6.8	83	0.00
32 T	1,1,1-Trichloroethane	50.000	49.613	0.8	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.923	4.2	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	50.014	-0.0	86	0.00
36 T	1,1-Dichloropropene	50.000	51.714	-3.4	86	0.00
37 T	Ethyl Acetate	50.000	49.223	1.6	80	0.00
38 T	Carbon Tetrachloride	50.000	49.845	0.3	86	0.00
39 T	Methylcyclohexane	50.000	52.193	-4.4	85	0.00
40 TM	Benzene	50.000	51.902	-3.8	87	0.00
41 T	Methacrylonitrile	50.000	50.080	-0.2	88	0.00
42 TM	1,2-Dichloroethane	50.000	50.539	-1.1	86	0.00
43 T	Isopropyl Acetate	50.000	50.804	-1.6	84	0.00
44 TM	Trichloroethene	50.000	51.533	-3.1	88	0.00
45 C	1,2-Dichloropropane	50.000	52.590	-5.2#	89	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	51.379	-2.8	88	0.00
47 T	Bromodichloromethane	50.000	52.684	-5.4	89	0.00
48 T	Methyl methacrylate	50.000	53.505	-7.0	85	0.00
49 T	1,4-Dioxane	1000.000	1003.598	-0.4	84	0.00
50 S	Toluene-d8	50.000	50.645	-1.3	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.476	-7.4	82	0.00
52 CM	Toluene	50.000	54.969	-9.9#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	55.556	-11.1	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.771	-9.5	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.775	-5.5	91	0.00
56 T	Ethyl methacrylate	50.000	49.547	0.9	88	0.00
57 T	1,3-Dichloropropane	50.000	52.916	-5.8	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.299	-0.9	88	0.00
59 T	2-Hexanone	250.000	261.574	-4.6	80	0.00
60 T	Dibromochloromethane	50.000	54.495	-9.0	91	0.00
61 T	1,2-Dibromoethane	50.000	52.273	-4.5	87	0.00
62 S	4-Bromofluorobenzene	50.000	52.529	-5.1	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	51.146	-2.3	89	0.00
65 PM	Chlorobenzene	50.000	52.785	-5.6	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.147	-6.3	92	0.00
67 C	Ethyl Benzene	50.000	55.935	-11.9#	90	0.00
68 T	m/p-Xylenes	100.000	111.415	-11.4	89	0.00
69 T	o-Xylene	50.000	55.324	-10.6	90	0.00
70 T	Styrene	50.000	50.498	-1.0	90	0.00
71 P	Bromoform	50.000	53.486	-7.0	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	53.543	-7.1	91	0.00
74 T	N-amyl acetate	50.000	51.484	-3.0	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.795	4.4	86	0.00
76 T	1,2,3-Trichloropropane	50.000	45.607	8.8	85	0.00
77 T	Bromobenzene	50.000	51.583	-3.2	92	0.00
78 T	n-propylbenzene	50.000	53.999	-8.0	90	0.00
79 T	2-Chlorotoluene	50.000	51.624	-3.2	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.795	-9.6	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.182	-0.4	86	0.00
82 T	4-Chlorotoluene	50.000	52.868	-5.7	91	0.00
83 T	tert-Butylbenzene	50.000	53.923	-7.8	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.889	-11.8	90	0.00
85 T	sec-Butylbenzene	50.000	55.187	-10.4	91	0.00
86 T	p-Isopropyltoluene	50.000	56.743	-13.5	91	0.00
87 T	1,3-Dichlorobenzene	50.000	52.762	-5.5	92	0.00
88 T	1,4-Dichlorobenzene	50.000	52.542	-5.1	92	0.00
89 T	n-Butylbenzene	50.000	56.539	-13.1	91	0.00

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90 T	Hexachloroethane	50.000	50.667	-1.3	90	0.00
91 T	1,2-Dichlorobenzene	50.000	52.405	-4.8	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.982	16.0	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.468	3.1	89	0.00
94 T	Hexachlorobutadiene	50.000	51.890	-3.8	92	0.00
95 T	Naphthalene	50.000	45.046	9.9	82	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.398	3.2	90	0.00

(#) = Out of Range

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