Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092618\
Data File : VN051488.D
Acq On : 25 Sep 2018 17:11
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC050

Quant Time: Sep 26 04:27:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	0.466	0.419	10.1	88	0.00
3	P	Chloromethane	0.743	0.710	4.4	93	0.00
4	C	Vinyl Chloride	0.820	0.767	6.5#	91	0.00
5	T	Bromomethane	0.524	0.472	9.9	89	0.00
6	T	Chloroethane	0.511	0.489	4.3	90	0.00
7	T	Trichlorofluoromethane	1.074	1.021	4.9	87	0.00
8	T	Diethyl Ether	0.353	0.315	10.8	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.606	0.566	6.6	76	0.00
10	T	Methyl Iodide	0.757	0.723	4.5	72	0.00
11	T	Tert butyl alcohol	0.035	0.036	-2.9	84	0.00
12	CM	1,1-Dichloroethene	0.556	0.486	12.6#	73	0.00
13	T	Acrolein	0.035	0.029	17.1	64	0.00
14	T	Allyl chloride	0.933	0.873	6.4	73	0.00
15	T	Acrylonitrile	0.192	0.189	1.6	78	0.00
16	T	Acetone	0.147	0.143	2.7	78	0.00
17	T	Carbon Disulfide	1.634	1.351	17.3	66	0.00
18	T	Methyl Acetate	0.477	0.486	-1.9	80	0.00
19	T	Methyl tert-butyl Ether	1.435	1.445	-0.7	85	0.00
20	T	Methylene Chloride	0.620	0.578	6.8	73	0.00
21	T	trans-1,2-Dichloroethene	0.569	0.537	5.6	79	0.00
22	T	Diisopropyl ether	1.804	1.892	-4.9	96	0.00
23	T	Vinyl Acetate	1.184	1.209	-2.1	94	0.00
24	P	1,1-Dichloroethane	1.076	1.076	0.0	94	0.00
25	T	2-Butanone	0.214	0.219	-2.3	98	0.00
26	T	2,2-Dichloropropane	0.840	0.890	-6.0	101	0.00
27	T	cis-1,2-Dichloroethene	0.624	0.615	1.4	91	0.00
28	T	Bromochloromethane	0.497	0.519	-4.4	96	0.00
29	T	Tetrahydrofuran	0.136	0.145	-6.6	98	0.00
30	C	Chloroform	1.067	1.083	-1.5#	95	0.00
31	T	Cyclohexane	0.986	0.935	5.2	90	0.00
32	T	1,1,1-Trichloroethane	0.912	0.925	-1.4	95	0.00
33	S	1,2-Dichloroethane-d4	0.626	0.608	2.9	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.400	0.400	0.0	93	0.00
36	T	1,1-Dichloropropene	0.579	0.586	-1.2	92	0.00
37	T	Ethyl Acetate	0.333	0.354	-6.3	95	0.00
38	T	Carbon Tetrachloride	0.606	0.607	-0.2	90	0.00
39	T	Methylcyclohexane	0.677	0.681	-0.6	90	0.00
40	TM	Benzene	1.700	1.758	-3.4	92	0.00
41	T	Methacrylonitrile	0.184	0.195	-6.0	100	0.00
42	TM	1,2-Dichloroethane	0.544	0.579	-6.4	97	0.00
43	T	Isopropyl Acetate	0.602	0.626	-4.0	96	0.00
44	TM	Trichloroethene	0.452	0.452	0.0	91	0.00
45	C	1,2-Dichloropropane	0.462	0.481	-4.1#	93	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.261	0.275	-5.4	95	0.00
47	T	Bromodichloromethane	0.578	0.608	-5.2	94	0.00
48	T	Methyl methacrylate	0.300	0.322	-7.3	97	0.00
49	T	1,4-Dioxane	0.004	0.004	0.0	96	0.00
50	S	Toluene-d8	1.506	1.490	1.1	91	0.00
51	T	4-Methyl-2-Pentanone	0.331	0.359	-8.5	99	0.00
52	CM	Toluene	1.057	1.089	-3.0#	94	0.00
53	T	t-1,3-Dichloropropene	0.583	0.605	-3.8	95	0.00
54	T	cis-1,3-Dichloropropene	0.677	0.699	-3.2	93	0.00
55	T	1,1,2-Trichloroethane	0.373	0.394	-5.6	95	0.00
56	T	Ethyl methacrylate	0.457	0.493	-7.9	96	0.00
57	T	1,3-Dichloropropane	0.640	0.672	-5.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.228	0.244	-7.0	95	0.00
59	T	2-Hexanone	0.215	0.239	-11.2	101	0.00
60	T	Dibromochloromethane	0.441	0.458	-3.9	94	0.00
61	T	1,2-Dibromoethane	0.362	0.376	-3.9	96	0.00
62	S	4-Bromofluorobenzene	0.487	0.500	-2.7	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.454	0.465	-2.4	94	0.00
65	PM	Chlorobenzene	1.283	1.282	0.1	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.489	0.495	-1.2	94	0.00
67	C	Ethyl Benzene	2.162	2.197	-1.6#	92	0.00
68	T	m/p-Xylenes	0.836	0.861	-3.0	92	0.00
69	T	o-Xylene	0.804	0.829	-3.1	93	0.00
70	T	Styrene	1.274	1.341	-5.3	94	0.00
71	P	Bromoform	0.332	0.340	-2.4	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	4.219	4.206	0.3	94	0.00
74	T	N-amyl acetate	1.058	1.090	-3.0	99	0.00
75	P	1,1,2,2-Tetrachloroethane	0.984	0.983	0.1	98	0.00
76	T	1,2,3-Trichloropropane	0.830	0.860	-3.6	97	0.00
77	T	Bromobenzene	1.068	1.036	3.0	95	0.00
78	T	n-propylbenzene	4.755	4.879	-2.6	96	0.00
79	T	2-Chlorotoluene	2.846	2.867	-0.7	97	0.00
80	T	1,3,5-Trimethylbenzene	3.440	3.550	-3.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.270	0.274	-1.5	97	0.00
82	T	4-Chlorotoluene	2.841	2.897	-2.0	98	0.00
83	T	tert-Butylbenzene	3.062	3.084	-0.7	95	0.00
84	T	1,2,4-Trimethylbenzene	3.466	3.613	-4.2	97	0.00
85	T	sec-Butylbenzene	4.142	4.275	-3.2	97	0.00
86	T	p-Isopropyltoluene	3.584	3.729	-4.0	97	0.00
87	T	1,3-Dichlorobenzene	1.848	1.863	-0.8	97	0.00
88	T	1,4-Dichlorobenzene	1.778	1.796	-1.0	95	0.00
89	T	n-Butylbenzene	2.947	3.126	-6.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.714	0.696	2.5	95	0.00
91 T	1,2-Dichlorobenzene	1.793	1.797	-0.2	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.152	-8.6	105	0.00
93 T	1,2,4-Trichlorobenzene	0.872	0.900	-3.2	94	0.00
94 T	Hexachlorobutadiene	0.678	0.690	-1.8	98	0.00
95 T	Naphthalene	1.627	1.598	1.8	91	0.00
96 T	1,2,3-Trichlorobenzene	0.861	0.876	-1.7	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6