Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
Data File : VW011800.D
Acq On : 09 Aug 2019 05:48
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
LabSampleId : VSTDCCC050

Quant Time: Aug 09 06:41:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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	1#	0.00
2	T	Dichlorodifluoromethane	0.279	0.055	80.3#	0#	0.00
3	P	Chloromethane	0.483	0.496	-2.7	2#	-0.01
4	C	Vinyl Chloride	0.582	0.189	67.5#	0#	0.00
5	T	Bromomethane	0.322	0.540	-67.7#	2#	-0.04
6	T	Chloroethane	0.332	0.284	14.5	1#	-0.02
7	T	Trichlorofluoromethane	0.260	0.069	73.5#	0#	-0.02
8	T	Diethyl Ether	0.295	4.767	-1515.9#	22#	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.493	0.186	62.3#	1#	-0.02
10	T	Methyl Iodide	0.697	1.220	-75.0#	2#	0.00
11	T	Tert butyl alcohol	0.048	2.269	-4627.1#	75	0.00
12	CM	1,1-Dichloroethene	0.521	0.269	48.4#	1#	0.00
13	T	Acrolein	0.041	1.598	-3797.6#	56	0.00
14	T	Allyl chloride	1.108	1.818	-64.1#	2#	-0.02
15	T	Acrylonitrile	0.147	7.799	-5205.4#	70	0.00
16	T	Acetone	0.183	7.983	-4262.3#	59	0.00
17	T	Carbon Disulfide	1.630	0.570	65.0#	0#	-0.01
18	T	Methyl Acetate	0.410	24.509	-5877.8#	79	0.00
19	T	Methyl tert-butyl Ether	0.826	16.892	-1945.0#	27#	-0.01
20	T	Methylene Chloride	0.630	3.398	-439.4#	8#	-0.01
21	T	trans-1,2-Dichloroethene	0.561	0.478	14.8	1#	0.00
22	T	Diisopropyl ether	2.088	14.508	-594.8#	9#	0.00
23	T	Vinyl Acetate	1.312	21.036	-1503.4#	21#	0.00
24	P	1,1-Dichloroethane	1.118	2.214	-98.0#	3#	0.00
25	T	2-Butanone	0.239	12.196	-5002.9#	66	0.00
26	T	2,2-Dichloropropane	0.688	0.576	16.3	1#	0.00
27	T	cis-1,2-Dichloroethene	0.618	1.739	-181.4#	4#	0.00
28	T	Bromochloromethane	0.496	5.927	-1095.0#	18#	0.00
29	T	Tetrahydrofuran	0.137	7.829	-5614.6#	75	0.00
30	C	Chloroform	1.032	3.085	-198.9#	4#	0.00
31	T	Cyclohexane	1.073	0.327	69.5#	0#	0.00
32	T	1,1,1-Trichloroethane	0.786	0.581	26.1#	1#	0.00
33	S	1,2-Dichloroethane-d4	0.574	8.319	-1349.3#	20#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	2#	0.00
35	S	Dibromofluoromethane	0.281	1.025	-264.8#	7#	0.00
36	T	1,1-Dichloropropene	0.520	0.213	59.0#	1#	0.00
37	T	Ethyl Acetate	0.299	10.740	-3492.0#	62	0.00
38	T	Carbon Tetrachloride	0.445	0.158	64.5#	1#	0.00
39	T	Methylcyclohexane	0.572	0.109	80.9#	0#	0.00
40	TM	Benzene	1.456	1.916	-31.6#	2#	0.00
41	T	Methacrylonitrile	0.179	6.438	-3496.6#	64	0.00
42	TM	1,2-Dichloroethane	0.456	4.941	-983.6#	19#	0.00
43	T	Isopropyl Acetate	0.550	15.579	-2732.5#	49#	0.00
44	TM	Trichloroethene	0.350	0.608	-73.7#	3#	0.00
45	C	1,2-Dichloropropane	0.390	1.415	-262.8#	6#	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.178	2.335	-1211.8#	23#	0.00
47	T	Bromodichloromethane	0.467	2.131	-356.3#	8#	0.00
48	T	Methyl methacrylate	0.264	7.528	-2751.5#	48#	0.00
49	T	1,4-Dioxane	0.003	0.134	-4366.7#	90	0.00
50	S	Toluene-d8	1.148	1.377	-19.9	2#	0.00
51	T	4-Methyl-2-Pentanone	0.286	10.522	-3579.0#	63	0.00
52	CM	Toluene	0.879	0.865	1.6#	2#	0.00
53	T	t-1,3-Dichloropropene	0.487	3.767	-673.5#	13#	0.00
54	T	cis-1,3-Dichloropropene	0.579	2.740	-373.2#	8#	0.00
55	T	1,1,2-Trichloroethane	0.252	3.436	-1263.5#	24#	0.00
56	T	Ethyl methacrylate	0.369	7.083	-1819.5#	32#	0.00
57	T	1,3-Dichloropropane	0.477	5.855	-1127.5#	21#	0.00
58	T	2-Chloroethyl Vinyl ether	0.168	4.341	-2483.9#	44#	0.00
59	T	2-Hexanone	0.202	7.703	-3713.4#	63	0.00
60	T	Dibromochloromethane	0.280	2.636	-841.4#	16#	0.00
61	T	1,2-Dibromoethane	0.239	3.690	-1443.9#	27#	0.00
62	S	4-Bromofluorobenzene	0.409	1.067	-160.9#	5#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	3#	0.00
64	T	Tetrachloroethene	0.326	0.518	-58.9#	5#	0.00
65	PM	Chlorobenzene	1.005	1.001	0.4	3#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.350	0.668	-90.9#	6#	0.00
67	C	Ethyl Benzene	1.915	0.768	59.9#	1#	0.00
68	T	m/p-Xylenes	0.696	0.300	56.9#	1#	0.00
69	T	o-Xylene	0.647	0.453	30.0#	2#	0.00
70	T	Styrene	1.119	1.175	-5.0	3#	0.00
71	P	Bromoform	0.179	1.707	-853.6#	27#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	4#	0.00
73	T	Isopropylbenzene	3.730	0.869	76.7#	1#	0.00
74	T	N-amyl acetate	1.168	11.109	-851.1#	33#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.702	7.336	-945.0#	37#	0.00
76	T	1,2,3-Trichloropropane	0.529	6.056	-1044.8#	44#	0.00
77	T	Bromobenzene	0.824	1.243	-50.8#	5#	0.00
78	T	n-propylbenzene	4.540	1.061	76.6#	1#	0.00
79	T	2-Chlorotoluene	2.615	1.266	51.6#	2#	0.00
80	T	1,3,5-Trimethylbenzene	3.127	1.037	66.8#	1#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.230	2.306	-902.6#	35#	0.00
82	T	4-Chlorotoluene	2.744	1.498	45.4#	2#	0.00
83	T	tert-Butylbenzene	2.615	0.540	79.3#	1#	0.00
84	T	1,2,4-Trimethylbenzene	3.150	1.434	54.5#	2#	0.00
85	T	sec-Butylbenzene	3.731	0.601	83.9#	1#	0.00
86	T	p-Isopropyltoluene	3.385	0.696	79.4#	1#	0.00
87	T	1,3-Dichlorobenzene	1.617	1.360	15.9	3#	0.00
88	T	1,4-Dichlorobenzene	1.608	1.499	6.8	3#	0.00
89	T	n-Butylbenzene	3.378	0.624	81.5#	1#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.599	0.169	71.8#	1#	0.00
91 T	1,2-Dichlorobenzene	1.430	2.205	-54.2#	6#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	1.879	-1465.8#	55	0.00
93 T	1,2,4-Trichlorobenzene	1.008	1.239	-22.9#	4#	0.00
94 T	Hexachlorobutadiene	0.628	0.116	81.5#	1#	0.00
95 T	Naphthalene	1.787	12.308	-588.8#	23#	0.00
96 T	1,2,3-Trichlorobenzene	0.883	2.046	-131.7#	8#	0.00

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