Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102419\
Data File : VD064059.D
Acq On : 24 Oct 2019 21:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 25 05:33:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 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	57	0.00
2	T	Dichlorodifluoromethane	0.355	0.296	16.6	53	0.00
3	P	Chloromethane	1.086	1.137	-4.7	64	0.00
4	C	Vinyl Chloride	1.146	1.207	-5.3#	62	0.00
5	T	Bromomethane	0.737	0.808	-9.6	66	0.00
6	T	Chloroethane	0.758	0.882	-16.4	70	0.00
7	T	Trichlorofluoromethane	1.515	1.780	-17.5	70	0.00
8	T	Diethyl Ether	0.243	0.287	-18.1	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.419	0.354	15.5	52	0.00
10	T	Methyl Iodide	0.578	0.465	19.6	46#	0.00
11	T	Tert butyl alcohol	0.035	0.038	-8.6	64	-0.02
12	CM	1,1-Dichloroethene	0.419	0.341	18.6#	49#	0.00
13	T	Acrolein	0.043	0.047	-9.3	60	0.00
14	T	Allyl chloride	0.697	0.735	-5.5	62	0.00
15	T	Acrylonitrile	0.107	0.143	-33.6#	77	0.00
16	T	Acetone	0.127	0.120	5.5	49#	0.00
17	T	Carbon Disulfide	1.523	1.148	24.6#	45#	0.02
18	T	Methyl Acetate	0.248	0.335	-35.1#	81	0.01
19	T	Methyl tert-butyl Ether	1.085	1.216	-12.1	65	0.00
20	T	Methylene Chloride	0.650	0.771	-18.6	80	0.00
21	T	trans-1,2-Dichloroethene	0.522	0.522	0.0	59	0.00
22	T	Diisopropyl ether	1.423	1.789	-25.7#	73	-0.01
23	T	Vinyl Acetate	0.846	1.077	-27.3#	73	0.00
24	P	1,1-Dichloroethane	0.876	1.002	-14.4	66	0.00
25	T	2-Butanone	0.150	0.185	-23.3#	68	0.00
26	T	2,2-Dichloropropane	0.793	0.740	6.7	56	0.00
27	T	cis-1,2-Dichloroethene	0.590	0.659	-11.7	66	0.00
28	T	Bromochloromethane	0.328	0.486	-48.2#	83	0.00
29	T	Tetrahydrofuran	0.088	0.114	-29.5#	79	0.00
30	C	Chloroform	0.952	1.133	-19.0#	71	0.00
31	T	Cyclohexane	0.822	0.772	6.1	59	0.00
32	T	1,1,1-Trichloroethane	0.817	0.888	-8.7	64	0.00
33	S	1,2-Dichloroethane-d4	0.487	0.590	-21.1#	69	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35	S	Dibromofluoromethane	0.306	0.340	-11.1	66	0.00
36	T	1,1-Dichloropropene	0.457	0.451	1.3	61	0.00
37	T	Ethyl Acetate	0.207	0.230	-11.1	71	0.00
38	T	Carbon Tetrachloride	0.462	0.454	1.7	61	0.00
39	T	Methylcyclohexane	0.562	0.536	4.6	59	0.00
40	TM	Benzene	1.310	1.459	-11.4	68	0.00
41	T	Methacrylonitrile	0.106	0.108	-1.9	76	0.00
42	TM	1,2-Dichloroethane	0.379	0.439	-15.8	70	0.00
43	T	Isopropyl Acetate	0.383	0.434	-13.3	71	0.00
44	TM	Trichloroethene	0.378	0.412	-9.0	66	0.00
45	C	1,2-Dichloropropane	0.321	0.376	-17.1#	72	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.183	0.232	-26.8#	76	0.00
47	T	Bromodichloromethane	0.470	0.558	-18.7	73	0.00
48	T	Methyl methacrylate	0.184	0.203	-10.3	72	0.00
49	T	1,4-Dioxane	0.002	0.003	-50.0#	67	0.00
50	S	Toluene-d8	1.240	1.424	-14.8	68	0.00
51	T	4-Methyl-2-Pentanone	0.199	0.248	-24.6#	77	0.00
52	CM	Toluene	0.899	1.059	-17.8#	72	0.00
53	T	t-1,3-Dichloropropene	0.459	0.546	-19.0	70	0.00
54	T	cis-1,3-Dichloropropene	0.528	0.620	-17.4	72	0.00
55	T	1,1,2-Trichloroethane	0.258	0.336	-30.2#	79	0.00
56	T	Ethyl methacrylate	0.327	0.400	-22.3#	74	0.00
57	T	1,3-Dichloropropane	0.441	0.556	-26.1#	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.140	0.169	-20.7#	72	0.00
59	T	2-Hexanone	0.144	0.175	-21.5#	70	0.00
60	T	Dibromochloromethane	0.336	0.444	-32.1#	79	0.00
61	T	1,2-Dibromoethane	0.250	0.330	-32.0#	77	0.00
62	S	4-Bromofluorobenzene	0.431	0.508	-17.9	69	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64	T	Tetrachloroethene	0.341	0.345	-1.2	71	0.00
65	PM	Chlorobenzene	1.004	1.088	-8.4	73	0.00
66	T	1,1,1,2-Tetrachloroethane	0.370	0.409	-10.5	76	0.00
67	C	Ethyl Benzene	1.811	1.880	-3.8#	72	0.00
68	T	m/p-Xylenes	0.699	0.750	-7.3	73	0.00
69	T	o-Xylene	0.669	0.716	-7.0	74	0.00
70	T	Styrene	1.133	1.277	-12.7	74	0.00
71	P	Bromoform	0.199	0.245	-23.1#	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73	T	Isopropylbenzene	3.361	3.165	5.8	71	0.00
74	T	N-amyl acetate	0.724	0.683	5.7	72	0.00
75	P	1,1,2,2-Tetrachloroethane	0.585	0.606	-3.6	80	0.00
76	T	1,2,3-Trichloropropane	0.335	0.353	-5.4	77	0.00
77	T	Bromobenzene	0.837	0.859	-2.6	76	0.00
78	T	n-propylbenzene	3.945	3.808	3.5	72	0.00
79	T	2-Chlorotoluene	2.175	2.123	2.4	73	0.00
80	T	1,3,5-Trimethylbenzene	2.804	2.704	3.6	71	0.00
81	T	trans-1,4-Dichloro-2-butene	0.189	0.172	9.0	69	0.00
82	T	4-Chlorotoluene	2.308	2.255	2.3	73	0.00
83	T	tert-Butylbenzene	2.496	2.489	0.3	75	0.00
84	T	1,2,4-Trimethylbenzene	2.891	2.885	0.2	75	0.00
85	T	sec-Butylbenzene	3.370	3.289	2.4	72	0.00
86	T	p-Isopropyltoluene	3.189	3.282	-2.9	76	0.00
87	T	1,3-Dichlorobenzene	1.655	1.725	-4.2	78	0.00
88	T	1,4-Dichlorobenzene	1.632	1.721	-5.5	80	0.00
89	T	n-Butylbenzene	2.969	2.944	0.8	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.611	-6.4	78	0.00
91 T	1,2-Dichlorobenzene	1.426	1.583	-11.0	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.110	-8.9	82	0.00
93 T	1,2,4-Trichlorobenzene	1.100	1.098	0.2	75	0.00
94 T	Hexachlorobutadiene	0.607	0.595	2.0	72	0.00
95 T	Naphthalene	1.849	2.062	-11.5	79	0.01
96 T	1,2,3-Trichlorobenzene	0.949	1.031	-8.6	80	0.00

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