Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041619\
Data File : VD061824.D
Acq On : 16 Apr 2019 22:37
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Apr 17 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 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	93	-0.04
2	T	Dichlorodifluoromethane	0.488	0.430	11.9	82	-0.02
3	P	Chloromethane	0.389	0.352	9.5	90	-0.02
4	C	Vinyl Chloride	0.386	0.343	11.1#	79	-0.02
5	T	Bromomethane	0.099	0.099	0.0	93	-0.01
6	T	Chloroethane	0.132	0.123	6.8	73	-0.02
7	T	Trichlorofluoromethane	0.626	0.530	15.3	79	-0.03
8	T	Diethyl Ether	0.164	0.156	4.9	86	-0.03
9	T	1,1,2-Trichlorotrifluoroeth	0.558	0.489	12.4	85	-0.03
10	T	Methyl Iodide	0.753	0.746	0.9	78	-0.03
11	T	Tert butyl alcohol	0.025	0.024	4.0	88	-0.04
12	CM	1,1-Dichloroethene	0.469	0.413	11.9#	84	-0.03
13	T	Acrolein	0.024	0.031	-29.2#	140	-0.03
14	T	Allyl chloride	0.640	0.600	6.3	86	-0.04
15	T	Acrylonitrile	0.078	0.069	11.5	83	-0.04
16	T	Acetone	0.103	0.083	19.4	72	-0.03
17	T	Carbon Disulfide	1.516	1.323	12.7	80	-0.03
18	T	Methyl Acetate	0.207	0.180	13.0	86	-0.04
19	T	Methyl tert-butyl Ether	0.876	0.790	9.8	84	-0.04
20	T	Methylene Chloride	0.623	0.488	21.7#	89	-0.03
21	T	trans-1,2-Dichloroethene	0.516	0.448	13.2	80	-0.04
22	T	Diisopropyl ether	1.367	1.200	12.2	80	-0.04
23	T	Vinyl Acetate	0.731	0.684	6.4	86	-0.04
24	P	1,1-Dichloroethane	0.829	0.735	11.3	84	-0.05
25	T	2-Butanone	0.118	0.107	9.3	86	-0.04
26	T	2,2-Dichloropropane	0.717	0.629	12.3	84	-0.04
27	T	cis-1,2-Dichloroethene	0.559	0.537	3.9	91	-0.04
28	T	Bromochloromethane	0.315	0.334	-6.0	102	-0.04
29		Tetrahydrofuran	0.057	0.057	0.0	92	-0.04
30	C	Chloroform	0.925	0.828	10.5#	81	-0.04
31	T	Cyclohexane	0.635	0.582	8.3	81	-0.04
32	T	1,1,1-Trichloroethane	0.820	0.731	10.9	82	-0.04
33	S	1,2-Dichloroethane-d4	0.419	0.439	-4.8	105	-0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	-0.04
35	S	Dibromofluoromethane	0.378	0.377	0.3	104	-0.04
36	T	1,1-Dichloropropene	0.409	0.353	13.7	84	-0.04
37	T	Ethyl Acetate	0.175	0.156	10.9	87	-0.04
38	T	Carbon Tetrachloride	0.516	0.495	4.1	94	-0.04
39	T	Methylcyclohexane	0.424	0.370	12.7	85	-0.03
40	TM	Benzene	0.981	0.923	5.9	87	-0.04
41	T	Methacrylonitrile	0.207	0.195	5.8	93	-0.04
42	TM	1,2-Dichloroethane	0.342	0.312	8.8	91	-0.04
43	T	Isopropyl Acetate	0.246	0.236	4.1	90	-0.04
44	TM	Trichloroethene	0.378	0.346	8.5	87	-0.04
45	C	1,2-Dichloropropane	0.256	0.237	7.4#	91	-0.04

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.182	0.168	7.7	87	-0.03
47	T	Bromodichloromethane	0.420	0.390	7.1	85	-0.04
48	T	Methyl methacrylate	0.145	0.125	13.8	80	-0.04
49	T	1,4-Dioxane	0.002	0.001	50.0#	84	-0.04
50	S	Toluene-d8	0.895	0.899	-0.4	104	-0.04
51	T	4-Methyl-2-Pentanone	0.150	0.140	6.7	90	-0.04
52	CM	Toluene	0.629	0.565	10.2#	90	-0.04
53	T	t-1,3-Dichloropropene	0.378	0.333	11.9	81	-0.04
54	T	cis-1,3-Dichloropropene	0.444	0.384	13.5	81	-0.04
55	T	1,1,2-Trichloroethane	0.212	0.200	5.7	92	-0.04
56	T	Ethyl methacrylate	0.232	0.221	4.7	98	-0.04
57	T	1,3-Dichloropropane	0.318	0.292	8.2	92	-0.04
58	T	2-Chloroethyl Vinyl ether	0.111	0.098	11.7	100	-0.04
59	T	2-Hexanone	0.112	0.101	9.8	89	-0.03
60	T	Dibromochloromethane	0.347	0.334	3.7	87	-0.03
61	T	1,2-Dibromoethane	0.260	0.241	7.3	88	-0.03
62	S	4-Bromofluorobenzene	0.363	0.356	1.9	107	-0.03
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.03
64	T	Tetrachloroethene	0.375	0.335	10.7	86	-0.04
65	PM	Chlorobenzene	0.931	0.833	10.5	87	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.390	0.355	9.0	89	-0.02
67	C	Ethyl Benzene	1.491	1.392	6.6#	96	-0.03
68	T	m/p-Xylenes	0.560	0.504	10.0	84	-0.03
69	T	o-Xylene	0.526	0.479	8.9	96	-0.03
70	T	Styrene	0.906	0.800	11.7	89	-0.03
71	P	Bromoform	0.232	0.230	0.9	94	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.02
73	T	Isopropylbenzene	3.243	2.872	11.4	87	-0.02
74	T	N-amyl acetate	0.872	0.801	8.1	91	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.641	0.625	2.5	87	-0.02
76	T	1,2,3-Trichloropropane	0.657	0.632	3.8	87	-0.03
77	T	Bromobenzene	0.921	0.884	4.0	89	-0.03
78	T	n-propylbenzene	3.746	3.769	-0.6	91	-0.02
79	T	2-Chlorotoluene	2.189	2.022	7.6	88	-0.03
80	T	1,3,5-Trimethylbenzene	2.573	2.261	12.1	90	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.187	0.171	8.6	81	-0.02
82	T	4-Chlorotoluene	2.505	2.164	13.6	87	-0.03
83	T	tert-Butylbenzene	3.021	2.758	8.7	83	-0.02
84	T	1,2,4-Trimethylbenzene	2.586	2.302	11.0	80	-0.02
85	T	sec-Butylbenzene	3.123	3.024	3.2	91	-0.02
86	T	p-Isopropyltoluene	2.922	2.313	20.8#	74	-0.03
87	T	1,3-Dichlorobenzene	1.608	1.526	5.1	88	-0.02
88	T	1,4-Dichlorobenzene	1.590	1.461	8.1	85	-0.02
89	T	n-Butylbenzene	2.587	2.362	8.7	87	-0.02

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.796	0.759	4.6	84	-0.02
91 T	1,2-Dichlorobenzene	1.347	1.315	2.4	93	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.086	3.4	86	-0.01
93 T	1,2,4-Trichlorobenzene	0.740	0.630	14.9	82	-0.02
94 T	Hexachlorobutadiene	0.536	0.491	8.4	84	-0.03
95 T	Naphthalene	1.134	1.045	7.8	79	-0.02
96 T	1,2,3-Trichlorobenzene	0.422	0.366	13.3	79	-0.02

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