Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
Data File : VD071699.D
Acq On : 12 Jan 2022 21:14
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 13 05:31:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	0.411	0.363	11.7	89	0.00
3	P	Chloromethane	0.541	0.558	-3.1	104	0.00
4	C	Vinyl Chloride	0.622	0.629	-1.1#	100	0.00
5	T	Bromomethane	0.467	0.420	10.1	99	0.00
6	T	Chloroethane	0.443	0.478	-7.9	107	0.00
7	T	Trichlorofluoromethane	0.881	0.836	5.1	95	0.00
8	T	Diethyl Ether	0.232	0.269	-15.9	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.515	0.497	3.5	94	0.00
10	T	Methyl Iodide	0.493	0.465	5.7	84	0.00
11	T	Tert butyl alcohol	0.061	0.050	18.0	139	0.01
12	CM	1,1-Dichloroethene	0.447	0.432	3.4#	94	-0.01
13	T	Acrolein	0.063	0.050	20.6	71	0.00
14	T	Allyl chloride	0.886	0.921	-4.0	103	0.00
15	T	Acrylonitrile	0.122	0.150	-23.0	116	0.00
16	T	Acetone	0.149	0.178	-19.5	110	0.00
17	T	Carbon Disulfide	1.186	1.054	11.1	88	0.00
18	T	Methyl Acetate	0.465	0.532	-14.4	117	0.00
19	T	Methyl tert-butyl Ether	1.180	1.395	-18.2	113	0.00
20	T	Methylene Chloride	0.652	0.594	8.9	103	0.00
21	T	trans-1,2-Dichloroethene	0.510	0.519	-1.8	99	0.00
22	T	Diisopropyl ether	1.908	2.172	-13.8	106	0.00
23	T	Vinyl Acetate	0.891	1.105	-24.0	112	0.00
24	P	1,1-Dichloroethane	1.089	1.139	-4.6	101	-0.01
25	T	2-Butanone	0.175	0.219	-25.1#	120	0.00
26	T	2,2-Dichloropropane	0.915	0.892	2.5	94	0.00
27	T	cis-1,2-Dichloroethene	0.602	0.646	-7.3	101	0.00
28	T	Bromochloromethane	0.531	0.588	-10.7	100	0.00
29	T	Tetrahydrofuran	0.101	0.131	-29.7#	124	0.00
30	C	Chloroform	1.114	1.188	-6.6#	103	0.00
31	T	Cyclohexane	0.959	0.848	11.6	90	0.00
32	T	1,1,1-Trichloroethane	0.982	0.986	-0.4	97	0.00
33	S	1,2-Dichloroethane-d4	0.643	0.750	-16.6	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35	S	Dibromofluoromethane	0.330	0.359	-8.8	99	0.00
36	T	1,1-Dichloropropene	0.471	0.460	2.3	98	0.00
37	T	Ethyl Acetate	0.219	0.255	-16.4	114	0.00
38	T	Carbon Tetrachloride	0.477	0.479	-0.4	99	0.00
39	T	Methylcyclohexane	0.509	0.476	6.5	91	0.00
40	TM	Benzene	1.299	1.310	-0.8	99	0.00
41	T	Methacrylonitrile	0.143	0.173	-21.0	144	0.00
42	TM	1,2-Dichloroethane	0.440	0.479	-8.9	108	0.00
43	T	Isopropyl Acetate	0.412	0.499	-21.1	118	0.00
44	TM	Trichloroethene	0.334	0.327	2.1	98	0.00
45	C	1,2-Dichloropropane	0.351	0.370	-5.4#	103	0.00
46	T	Dibromomethane	0.180	0.200	-11.1	108	0.00
47	T	Bromodichloromethane	0.493	0.537	-8.9	105	0.00
48	T	Methyl methacrylate	0.208	0.227	-9.1	115	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	129	0.00
50	S	Toluene-d8	1.237	1.344	-8.6	94	0.00
51	T	4-Methyl-2-Pentanone	0.218	0.274	-25.7#	121	0.00
52	CM	Toluene	0.817	0.845	-3.4#	100	0.00
53	T	t-1,3-Dichloropropene	0.433	0.485	-12.0	111	0.00
54	T	cis-1,3-Dichloropropene	0.510	0.557	-9.2	106	0.00
55	T	1,1,2-Trichloroethane	0.236	0.268	-13.6	109	0.00
56	T	Ethyl methacrylate	0.289	0.353	-22.1	115	0.00
57	T	1,3-Dichloropropane	0.435	0.489	-12.4	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.196	-23.3	117	0.00
59	T	2-Hexanone	0.152	0.196	-28.9#	122	0.00
60	T	Dibromochloromethane	0.300	0.333	-11.0	107	0.00
61	T	1,2-Dibromoethane	0.225	0.251	-11.6	108	0.00
62	S	4-Bromofluorobenzene	0.436	0.477	-9.4	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.294	0.288	2.0	99	0.00
65	PM	Chlorobenzene	0.957	0.969	-1.3	101	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.386	-6.3	110	0.00
67	C	Ethyl Benzene	1.757	1.767	-0.6#	98	0.00
68	T	m/p-Xylenes	0.653	0.679	-4.0	101	0.00
69	T	o-Xylene	0.618	0.639	-3.4	102	0.00
70	T	Styrene	1.060	1.125	-6.1	102	0.00
71	P	Bromoform	0.177	0.212	-19.8	117	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.593	3.441	4.2	98	0.00
74	T	N-amyl acetate	0.881	1.011	-14.8	118	0.00
75	P	1,1,2,2-Tetrachloroethane	0.637	0.687	-7.8	116	0.00
76	T	1,2,3-Trichloropropane	0.483	0.572	-18.4	138	0.00
77	T	Bromobenzene	0.776	0.775	0.1	107	0.00
78	T	n-propylbenzene	4.519	4.334	4.1	99	0.00
79	T	2-Chlorotoluene	2.547	2.471	3.0	101	0.00
80	T	1,3,5-Trimethylbenzene	3.002	2.908	3.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.173	0.191	-10.4	119	0.00
82	T	4-Chlorotoluene	2.642	2.593	1.9	101	0.00
83	T	tert-Butylbenzene	2.565	2.502	2.5	100	0.00
84	T	1,2,4-Trimethylbenzene	2.969	2.950	0.6	102	0.00
85	T	sec-Butylbenzene	3.929	3.756	4.4	96	0.00
86	T	p-Isopropyltoluene	3.226	3.120	3.3	98	0.00
87	T	1,3-Dichlorobenzene	1.602	1.579	1.4	103	0.00
88	T	1,4-Dichlorobenzene	1.634	1.582	3.2	103	0.00
89	T	n-Butylbenzene	3.231	3.078	4.7	97	0.00
90	T	Hexachloroethane	0.638	0.600	6.0	100	0.00
91	T	1,2-Dichlorobenzene	1.373	1.399	-1.9	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.102	0.111	-8.8	121	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.851	-7.6	111	0.00
94	T	Hexachlorobutadiene	0.464	0.428	7.8	97	0.00
95	T	Naphthalene	1.401	1.700	-21.3	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.674	0.720	-6.8	111	0.00

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