Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
Data File : VD070078.D
Acq On : 17 Aug 2021 10:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 18 03:05:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
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	0.572	0.471	17.7	88	0.00
3	P	Chloromethane	0.785	0.679	13.5	86	0.00
4	C	Vinyl Chloride	0.846	0.748	11.6#	86	0.00
5	T	Bromomethane	0.532	0.474	10.9	90	0.00
6	T	Chloroethane	0.541	0.484	10.5	85	0.00
7	T	Trichlorofluoromethane	1.016	0.935	8.0	88	0.00
8	T	Diethyl Ether	0.291	0.270	7.2	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.647	0.611	5.6	91	0.00
10	T	Methyl Iodide	0.591	0.570	3.6	80	0.00
11	T	Tert butyl alcohol	0.033	0.027	18.2	79	0.00
12	CM	1,1-Dichloroethene	0.594	0.558	6.1#	86	0.00
13	T	Acrolein	0.037	0.034	8.1	81	0.00
14	T	Allyl chloride	0.886	0.830	6.3	81	0.00
15	T	Acrylonitrile	0.135	0.130	3.7	84	0.00
16	T	Acetone	0.108	0.120	-11.1	100	0.00
17	T	Carbon Disulfide	2.148	2.007	6.6	86	0.00
18	T	Methyl Acetate	0.323	0.308	4.6	84	0.00
19	T	Methyl tert-butyl Ether	1.233	1.205	2.3	82	0.00
20	T	Methylene Chloride	0.968	0.743	23.2	91	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.680	1.4	88	0.00
22	T	Diisopropyl ether	1.864	1.885	-1.1	84	0.00
23	T	Vinyl Acetate	0.845	0.864	-2.2	82	0.00
24	P	1,1-Dichloroethane	1.275	1.204	5.6	86	0.00
25	T	2-Butanone	0.148	0.151	-2.0	87	0.00
26	T	2,2-Dichloropropane	0.993	0.972	2.1	88	0.00
27	T	cis-1,2-Dichloroethene	0.733	0.718	2.0	86	0.00
28	T	Bromochloromethane	0.464	0.467	-0.6	97	0.00
29	T	Tetrahydrofuran	0.097	0.097	0.0	84	0.00
30	C	Chloroform	1.254	1.221	2.6#	88	0.00
31	T	Cyclohexane	1.164	1.092	6.2	86	0.00
32	T	1,1,1-Trichloroethane	1.048	1.013	3.3	87	0.00
33	S	1,2-Dichloroethane-d4	0.588	0.583	0.9	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.323	0.341	-5.6	89	0.00
36	T	1,1-Dichloropropene	0.538	0.561	-4.3	88	0.00
37	T	Ethyl Acetate	0.195	0.203	-4.1	82	0.00
38	T	Carbon Tetrachloride	0.488	0.510	-4.5	89	0.00
39	T	Methylcyclohexane	0.626	0.658	-5.1	86	0.00
40	TM	Benzene	1.560	1.604	-2.8	87	0.00
41	T	Methacrylonitrile	0.106	0.103	2.8	84	0.00
42	TM	1,2-Dichloroethane	0.400	0.412	-3.0	88	0.00
43	T	Isopropyl Acetate	0.365	0.367	-0.5	83	0.00
44	TM	Trichloroethene	0.377	0.382	-1.3	87	0.00
45	C	1,2-Dichloropropane	0.405	0.420	-3.7#	87	0.00
46	T	Dibromomethane	0.197	0.207	-5.1	89	0.00
47	T	Bromodichloromethane	0.509	0.536	-5.3	89	0.00
48	T	Methyl methacrylate	0.174	0.186	-6.9	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50	S	Toluene-d8	1.256	1.358	-8.1	89	0.00
51	T	4-Methyl-2-Pentanone	0.190	0.208	-9.5	87	0.00
52	CM	Toluene	0.950	1.011	-6.4#	87	0.00
53	T	t-1,3-Dichloropropene	0.451	0.467	-3.5	86	0.00
54	T	cis-1,3-Dichloropropene	0.547	0.558	-2.0	86	0.00
55	T	1,1,2-Trichloroethane	0.279	0.288	-3.2	87	0.00
56	T	Ethyl methacrylate	0.317	0.349	-10.1	86	0.00
57	T	1,3-Dichloropropane	0.483	0.508	-5.2	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.167	0.194	-16.2	86	0.00
59	T	2-Hexanone	0.127	0.145	-14.2	89	0.00
60	T	Dibromochloromethane	0.319	0.336	-5.3	90	0.00
61	T	1,2-Dibromoethane	0.252	0.271	-7.5	89	0.00
62	S	4-Bromofluorobenzene	0.414	0.447	-8.0	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.323	0.320	0.9	88	0.00
65	PM	Chlorobenzene	1.045	1.051	-0.6	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.380	-2.4	88	0.00
67	C	Ethyl Benzene	1.847	1.937	-4.9#	86	0.00
68	T	m/p-Xylenes	0.716	0.763	-6.6	88	0.00
69	T	o-Xylene	0.646	0.682	-5.6	86	0.00
70	T	Styrene	1.131	1.228	-8.6	87	0.00
71	P	Bromoform	0.181	0.185	-2.2	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.646	3.690	-1.2	87	0.00
74	T	N-amyl acetate	0.786	0.772	1.8	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.728	0.718	1.4	90	0.00
76	T	1,2,3-Trichloropropane	0.507	0.479	5.5	89	0.00
77	T	Bromobenzene	0.809	0.793	2.0	87	0.00
78	T	n-propylbenzene	4.702	4.864	-3.4	88	0.00
79	T	2-Chlorotoluene	2.705	2.690	0.6	87	0.00
80	T	1,3,5-Trimethylbenzene	3.104	3.198	-3.0	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.195	0.193	1.0	82	0.00
82	T	4-Chlorotoluene	2.833	2.829	0.1	87	0.00
83	T	tert-Butylbenzene	2.523	2.587	-2.5	88	0.00
84	T	1,2,4-Trimethylbenzene	3.079	3.209	-4.2	88	0.00
85	T	sec-Butylbenzene	4.042	4.169	-3.1	89	0.00
86	T	p-Isopropyltoluene	3.266	3.404	-4.2	88	0.00
87	T	1,3-Dichlorobenzene	1.719	1.705	0.8	89	0.00
88	T	1,4-Dichlorobenzene	1.703	1.659	2.6	88	0.00
89	T	n-Butylbenzene	3.205	3.325	-3.7	88	0.00
90	T	Hexachloroethane	0.689	0.685	0.6	91	0.00
91	T	1,2-Dichlorobenzene	1.473	1.454	1.3	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.109	0.102	6.4	87	0.00
93	T	1,2,4-Trichlorobenzene	0.819	0.800	2.3	85	0.00
94	T	Hexachlorobutadiene	0.484	0.484	0.0	89	0.00
95	T	Naphthalene	1.491	1.480	0.7	84	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.715	0.703	1.7	85	0.00

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