Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
Data File : VD070155.D
Acq On : 19 Aug 2021 06:12
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 19 07:40:12 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	72	0.00
2	T	Dichlorodifluoromethane	0.572	0.383	33.0#	58	0.00
3	P	Chloromethane	0.785	0.654	16.7	67	0.00
4	C	Vinyl Chloride	0.846	0.673	20.4#	63	0.00
5	T	Bromomethane	0.532	0.497	6.6	76	0.00
6	T	Chloroethane	0.541	0.483	10.7	69	0.00
7	T	Trichlorofluoromethane	1.016	0.829	18.4	63	0.00
8	T	Diethyl Ether	0.291	0.297	-2.1	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.647	0.544	15.9	65	0.00
10	T	Methyl Iodide	0.591	0.551	6.8	62	0.00
11	T	Tert butyl alcohol	0.033	0.030	9.1	72	0.00
12	CM	1,1-Dichloroethene	0.594	0.527	11.3#	66	0.00
13	T	Acrolein	0.037	0.028	24.3	54	0.00
14	T	Allyl chloride	0.886	0.830	6.3	66	0.00
15	T	Acrylonitrile	0.135	0.135	0.0	70	0.00
16	T	Acetone	0.108	0.092	14.8	61	0.00
17	T	Carbon Disulfide	2.148	1.868	13.0	65	0.00
18	T	Methyl Acetate	0.323	0.358	-10.8	79	0.00
19	T	Methyl tert-butyl Ether	1.233	1.246	-1.1	69	0.00
20	T	Methylene Chloride	0.968	0.796	17.8	78	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.666	3.5	69	0.00
22	T	Diisopropyl ether	1.864	2.025	-8.6	73	0.00
23	T	Vinyl Acetate	0.845	0.871	-3.1	67	0.00
24	P	1,1-Dichloroethane	1.275	1.301	-2.0	75	0.00
25	T	2-Butanone	0.148	0.150	-1.4	69	0.00
26	T	2,2-Dichloropropane	0.993	0.802	19.2	59	0.00
27	T	cis-1,2-Dichloroethene	0.733	0.769	-4.9	74	0.00
28	T	Bromochloromethane	0.464	0.495	-6.7	83	0.00
29	T	Tetrahydrofuran	0.097	0.099	-2.1	69	0.00
30	C	Chloroform	1.254	1.262	-0.6#	74	0.00
31	T	Cyclohexane	1.164	0.945	18.8	60	0.00
32	T	1,1,1-Trichloroethane	1.048	1.011	3.5	70	0.00
33	S	1,2-Dichloroethane-d4	0.588	0.644	-9.5	80	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35	S	Dibromofluoromethane	0.323	0.341	-5.6	82	0.00
36	T	1,1-Dichloropropene	0.538	0.442	17.8	64	0.00
37	T	Ethyl Acetate	0.195	0.185	5.1	69	0.00
38	T	Carbon Tetrachloride	0.488	0.409	16.2	66	0.00
39	T	Methylcyclohexane	0.626	0.451	28.0#	55	0.00
40	TM	Benzene	1.560	1.466	6.0	73	0.00
41	T	Methacrylonitrile	0.106	0.093	12.3	70	0.00
42	TM	1,2-Dichloroethane	0.400	0.389	2.8	76	0.00
43	T	Isopropyl Acetate	0.365	0.332	9.0	69	0.00
44	TM	Trichloroethene	0.377	0.352	6.6	74	0.00
45	C	1,2-Dichloropropane	0.405	0.380	6.2#	73	0.00
46	T	Dibromomethane	0.197	0.194	1.5	77	0.00
47	T	Bromodichloromethane	0.509	0.507	0.4	78	0.00
48	T	Methyl methacrylate	0.174	0.152	12.6	64	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50	S	Toluene-d8	1.256	1.311	-4.4	80	0.00
51	T	4-Methyl-2-Pentanone	0.190	0.187	1.6	72	0.00
52	CM	Toluene	0.950	0.926	2.5#	73	0.00
53	T	t-1,3-Dichloropropene	0.451	0.414	8.2	70	0.00
54	T	cis-1,3-Dichloropropene	0.547	0.495	9.5	71	0.00
55	T	1,1,2-Trichloroethane	0.279	0.272	2.5	76	0.00
56	T	Ethyl methacrylate	0.317	0.312	1.6	71	0.00
57	T	1,3-Dichloropropane	0.483	0.472	2.3	75	0.00
58	T	2-Chloroethyl Vinyl ether	0.167	0.174	-4.2	72	0.00
59	T	2-Hexanone	0.127	0.123	3.1	69	0.00
60	T	Dibromochloromethane	0.319	0.315	1.3	78	0.00
61	T	1,2-Dibromoethane	0.252	0.250	0.8	75	0.00
62	S	4-Bromofluorobenzene	0.414	0.430	-3.9	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.323	0.285	11.8	73	0.00
65	PM	Chlorobenzene	1.045	0.971	7.1	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.349	5.9	76	0.00
67	C	Ethyl Benzene	1.847	1.734	6.1#	72	0.00
68	T	m/p-Xylenes	0.716	0.682	4.7	74	0.00
69	T	o-Xylene	0.646	0.631	2.3	75	0.00
70	T	Styrene	1.131	1.128	0.3	75	0.00
71	P	Bromoform	0.181	0.172	5.0	76	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.646	3.307	9.3	71	0.00
74	T	N-amyl acetate	0.786	0.684	13.0	67	0.00
75	P	1,1,2,2-Tetrachloroethane	0.728	0.664	8.8	76	0.00
76	T	1,2,3-Trichloropropane	0.507	0.437	13.8	75	0.00
77	T	Bromobenzene	0.809	0.762	5.8	76	0.00
78	T	n-propylbenzene	4.702	4.268	9.2	70	0.00
79	T	2-Chlorotoluene	2.705	2.488	8.0	74	0.00
80	T	1,3,5-Trimethylbenzene	3.104	2.907	6.3	73	0.00
81	T	trans-1,4-Dichloro-2-butene	0.195	0.163	16.4	63	0.00
82	T	4-Chlorotoluene	2.833	2.610	7.9	73	0.00
83	T	tert-Butylbenzene	2.523	2.309	8.5	72	0.00
84	T	1,2,4-Trimethylbenzene	3.079	2.897	5.9	73	0.00
85	T	sec-Butylbenzene	4.042	3.614	10.6	70	0.00
86	T	p-Isopropyltoluene	3.266	2.936	10.1	69	0.00
87	T	1,3-Dichlorobenzene	1.719	1.548	9.9	74	0.00
88	T	1,4-Dichlorobenzene	1.703	1.524	10.5	74	0.00
89	T	n-Butylbenzene	3.205	2.773	13.5	67	0.00
90	T	Hexachloroethane	0.689	0.618	10.3	75	0.00
91	T	1,2-Dichlorobenzene	1.473	1.382	6.2	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.109	0.092	15.6	71	0.00
93	T	1,2,4-Trichlorobenzene	0.819	0.736	10.1	72	0.00
94	T	Hexachlorobutadiene	0.484	0.401	17.1	68	0.00
95	T	Naphthalene	1.491	1.381	7.4	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.715	0.659	7.8	73	0.00

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