Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
Data File : VD070138.D
Acq On : 18 Aug 2021 20:11
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: Aug 19 07:34:30 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	78	0.00
2	T	Dichlorodifluoromethane	0.572	0.376	34.3#	62	0.00
3	P	Chloromethane	0.785	0.618	21.3	69	0.00
4	C	Vinyl Chloride	0.846	0.658	22.2#	67	0.00
5	T	Bromomethane	0.532	0.456	14.3	77	0.00
6	T	Chloroethane	0.541	0.466	13.9	73	0.00
7	T	Trichlorofluoromethane	1.016	0.805	20.8	67	0.00
8	T	Diethyl Ether	0.291	0.290	0.3	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.647	0.529	18.2	69	0.00
10	T	Methyl Iodide	0.591	0.552	6.6	68	0.00
11	T	Tert butyl alcohol	0.033	0.031	6.1	81	0.00
12	CM	1,1-Dichloroethene	0.594	0.512	13.8#	70	0.00
13	T	Acrolein	0.037	0.037	0.0	77	0.00
14	T	Allyl chloride	0.886	0.808	8.8	70	0.00
15	T	Acrylonitrile	0.135	0.135	0.0	77	0.00
16	T	Acetone	0.108	0.093	13.9	69	0.00
17	T	Carbon Disulfide	2.148	1.791	16.6	68	0.00
18	T	Methyl Acetate	0.323	0.352	-9.0	85	0.00
19	T	Methyl tert-butyl Ether	1.233	1.235	-0.2	74	0.00
20	T	Methylene Chloride	0.968	0.760	21.5	82	0.00
21	T	trans-1,2-Dichloroethene	0.690	0.629	8.8	72	0.00
22	T	Diisopropyl ether	1.864	1.924	-3.2	76	0.00
23	T	Vinyl Acetate	0.845	0.866	-2.5	73	0.00
24	P	1,1-Dichloroethane	1.275	1.210	5.1	76	0.00
25	T	2-Butanone	0.148	0.149	-0.7	76	0.00
26	T	2,2-Dichloropropane	0.993	0.850	14.4	68	0.00
27	T	cis-1,2-Dichloroethene	0.733	0.726	1.0	77	0.00
28	T	Bromochloromethane	0.464	0.514	-10.8	94	0.00
29	T	Tetrahydrofuran	0.097	0.101	-4.1	77	0.00
30	C	Chloroform	1.254	1.234	1.6#	79	0.00
31	T	Cyclohexane	1.164	0.934	19.8	65	0.00
32	T	1,1,1-Trichloroethane	1.048	0.955	8.9	73	0.00
33	S	1,2-Dichloroethane-d4	0.588	0.638	-8.5	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.323	0.343	-6.2	87	0.00
36	T	1,1-Dichloropropene	0.538	0.467	13.2	71	0.00
37	T	Ethyl Acetate	0.195	0.193	1.0	75	0.00
38	T	Carbon Tetrachloride	0.488	0.427	12.5	72	0.00
39	T	Methylcyclohexane	0.626	0.480	23.3	61	0.00
40	TM	Benzene	1.560	1.452	6.9	76	0.00
41	T	Methacrylonitrile	0.106	0.101	4.7	80	0.00
42	TM	1,2-Dichloroethane	0.400	0.382	4.5	79	0.00
43	T	Isopropyl Acetate	0.365	0.352	3.6	77	0.00
44	TM	Trichloroethene	0.377	0.338	10.3	75	0.00
45	C	1,2-Dichloropropane	0.405	0.383	5.4#	77	0.00
46	T	Dibromomethane	0.197	0.191	3.0	80	0.00
47	T	Bromodichloromethane	0.509	0.496	2.6	80	0.00
48	T	Methyl methacrylate	0.174	0.157	9.8	69	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	1.309	-4.2	84	0.00
51	T	4-Methyl-2-Pentanone	0.190	0.193	-1.6	78	0.00
52	CM	Toluene	0.950	0.910	4.2#	76	0.00
53	T	t-1,3-Dichloropropene	0.451	0.434	3.8	77	0.00
54	T	cis-1,3-Dichloropropene	0.547	0.514	6.0	77	0.00
55	T	1,1,2-Trichloroethane	0.279	0.272	2.5	79	0.00
56	T	Ethyl methacrylate	0.317	0.327	-3.2	78	0.00
57	T	1,3-Dichloropropane	0.483	0.477	1.2	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.167	0.191	-14.4	82	0.00
59	T	2-Hexanone	0.127	0.128	-0.8	76	0.00
60	T	Dibromochloromethane	0.319	0.317	0.6	82	0.00
61	T	1,2-Dibromoethane	0.252	0.251	0.4	79	0.00
62	S	4-Bromofluorobenzene	0.414	0.437	-5.6	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.323	0.277	14.2	74	0.00
65	PM	Chlorobenzene	1.045	0.957	8.4	78	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.344	7.3	79	0.00
67	C	Ethyl Benzene	1.847	1.718	7.0#	75	0.00
68	T	m/p-Xylenes	0.716	0.671	6.3	76	0.00
69	T	o-Xylene	0.646	0.620	4.0	77	0.00
70	T	Styrene	1.131	1.112	1.7	77	0.00
71	P	Bromoform	0.181	0.174	3.9	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.646	3.253	10.8	74	0.00
74	T	N-amyl acetate	0.786	0.705	10.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.728	0.681	6.5	82	0.00
76	T	1,2,3-Trichloropropane	0.507	0.440	13.2	79	0.00
77	T	Bromobenzene	0.809	0.753	6.9	79	0.00
78	T	n-propylbenzene	4.702	4.238	9.9	73	0.00
79	T	2-Chlorotoluene	2.705	2.456	9.2	76	0.00
80	T	1,3,5-Trimethylbenzene	3.104	2.836	8.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.195	0.179	8.2	73	0.00
82	T	4-Chlorotoluene	2.833	2.542	10.3	75	0.00
83	T	tert-Butylbenzene	2.523	2.258	10.5	74	0.00
84	T	1,2,4-Trimethylbenzene	3.079	2.846	7.6	75	0.00
85	T	sec-Butylbenzene	4.042	3.536	12.5	72	0.00
86	T	p-Isopropyltoluene	3.266	2.907	11.0	72	0.00
87	T	1,3-Dichlorobenzene	1.719	1.530	11.0	77	0.00
88	T	1,4-Dichlorobenzene	1.703	1.511	11.3	77	0.00
89	T	n-Butylbenzene	3.205	2.721	15.1	69	0.00
90	T	Hexachloroethane	0.689	0.605	12.2	77	0.00
91	T	1,2-Dichlorobenzene	1.473	1.346	8.6	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.109	0.093	14.7	76	0.00
93	T	1,2,4-Trichlorobenzene	0.819	0.732	10.6	75	0.00
94	T	Hexachlorobutadiene	0.484	0.401	17.1	71	0.00
95	T	Naphthalene	1.491	1.424	4.5	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.715	0.667	6.7	78	0.00

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