Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069660.D
Acq On : 09 Jul 2021 21:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 10 02:58:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 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	77	0.00
2	T	Dichlorodifluoromethane	0.480	0.417	13.1	70	0.00
3	P	Chloromethane	0.702	0.670	4.6	75	0.00
4	C	Vinyl Chloride	0.782	0.731	6.5#	71	0.00
5	T	Bromomethane	0.506	0.502	0.8	80	0.00
6	T	Chloroethane	0.521	0.504	3.3	74	0.00
7	T	Trichlorofluoromethane	0.929	0.950	-2.3	78	0.00
8	T	Diethyl Ether	0.246	0.302	-22.8	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.568	0.590	-3.9	83	-0.01
10	T	Methyl Iodide	0.451	0.511	-13.3	76	0.00
11	T	Tert butyl alcohol	0.044	0.035	20.5	85	0.01
12	CM	1,1-Dichloroethene	0.494	0.527	-6.7#	80	0.00
13	T	Acrolein	0.035	0.031	11.4	63	0.00
14	T	Allyl chloride	0.692	0.846	-22.3	90	0.00
15	T	Acrylonitrile	0.103	0.136	-32.0#	100	0.00
16	T	Acetone	0.105	0.112	-6.7	81	0.00
17	T	Carbon Disulfide	1.626	1.646	-1.2	75	0.00
18	T	Methyl Acetate	0.296	0.379	-28.0#	116	0.00
19	T	Methyl tert-butyl Ether	0.970	1.207	-24.4	91	0.00
20	T	Methylene Chloride	0.851	0.889	-4.5	103	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.659	-10.6	82	0.00
22	T	Diisopropyl ether	1.395	1.936	-38.8#	99	0.00
23	T	Vinyl Acetate	0.764	1.041	-36.3#	91	0.00
24	P	1,1-Dichloroethane	1.105	1.337	-21.0	93	0.00
25	T	2-Butanone	0.133	0.173	-30.1#	96	0.00
26	T	2,2-Dichloropropane	0.903	0.935	-3.5	80	0.00
27	T	cis-1,2-Dichloroethene	0.647	0.782	-20.9	90	0.00
28	T	Bromochloromethane	0.433	0.552	-27.5#	98	0.00
29	T	Tetrahydrofuran	0.073	0.099	-35.6#	97	0.00
30	C	Chloroform	1.168	1.299	-11.2#	87	0.00
31	T	Cyclohexane	0.839	0.801	4.5	74	0.00
32	T	1,1,1-Trichloroethane	0.962	1.032	-7.3	82	0.00
33	S	1,2-Dichloroethane-d4	0.623	0.689	-10.6	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.338	0.343	-1.5	90	0.00
36	T	1,1-Dichloropropene	0.491	0.474	3.5	78	0.00
37	T	Ethyl Acetate	0.182	0.223	-22.5	99	0.00
38	T	Carbon Tetrachloride	0.486	0.447	8.0	77	0.00
39	T	Methylcyclohexane	0.484	0.437	9.7	70	0.00
40	TM	Benzene	1.415	1.565	-10.6	92	0.00
41	T	Methacrylonitrile	0.106	0.128	-20.8	115	0.00
42	TM	1,2-Dichloroethane	0.411	0.436	-6.1	89	0.00
43	T	Isopropyl Acetate	0.331	0.383	-15.7	95	0.00
44	TM	Trichloroethene	0.357	0.368	-3.1	86	0.00
45	C	1,2-Dichloropropane	0.363	0.404	-11.3#	92	0.00
46	T	Dibromomethane	0.190	0.210	-10.5	93	0.00
47	T	Bromodichloromethane	0.511	0.548	-7.2	91	0.00
48	T	Methyl methacrylate	0.157	0.202	-28.7#	105	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	93	0.00
50	S	Toluene-d8	1.268	1.334	-5.2	92	0.00
51	T	4-Methyl-2-Pentanone	0.174	0.220	-26.4#	100	0.00
52	CM	Toluene	0.873	0.911	-4.4#	84	0.00
53	T	t-1,3-Dichloropropene	0.442	0.459	-3.8	85	0.00
54	T	cis-1,3-Dichloropropene	0.531	0.546	-2.8	86	0.00
55	T	1,1,2-Trichloroethane	0.269	0.291	-8.2	92	0.00
56	T	Ethyl methacrylate	0.285	0.354	-24.2	97	0.00
57	T	1,3-Dichloropropane	0.454	0.494	-8.8	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.150	0.184	-22.7	96	0.00
59	T	2-Hexanone	0.117	0.149	-27.4#	98	0.00
60	T	Dibromochloromethane	0.317	0.363	-14.5	96	0.00
61	T	1,2-Dibromoethane	0.248	0.284	-14.5	94	0.00
62	S	4-Bromofluorobenzene	0.417	0.464	-11.3	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.314	0.272	13.4	80	0.00
65	PM	Chlorobenzene	0.994	1.000	-0.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.362	0.376	-3.9	96	0.00
67	C	Ethyl Benzene	1.737	1.795	-3.3#	90	0.00
68	T	m/p-Xylenes	0.654	0.681	-4.1	89	0.00
69	T	o-Xylene	0.586	0.620	-5.8	89	0.00
70	T	Styrene	1.033	1.146	-10.9	94	0.00
71	P	Bromoform	0.183	0.191	-4.4	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.445	3.598	-4.4	89	0.00
74	T	N-amyl acetate	0.699	0.796	-13.9	99	0.00
75	P	1,1,2,2-Tetrachloroethane	0.692	0.760	-9.8	101	0.00
76	T	1,2,3-Trichloropropane	0.491	0.531	-8.1	97	0.00
77	T	Bromobenzene	0.782	0.799	-2.2	91	0.00
78	T	n-propylbenzene	4.324	4.525	-4.6	89	0.00
79	T	2-Chlorotoluene	2.470	2.628	-6.4	93	0.00
80	T	1,3,5-Trimethylbenzene	2.899	3.086	-6.5	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.197	0.173	12.2	80	0.00
82	T	4-Chlorotoluene	2.648	2.779	-4.9	92	0.00
83	T	tert-Butylbenzene	2.361	2.466	-4.4	86	0.00
84	T	1,2,4-Trimethylbenzene	2.882	3.132	-8.7	92	0.00
85	T	sec-Butylbenzene	3.615	3.708	-2.6	87	0.00
86	T	p-Isopropyltoluene	3.043	3.161	-3.9	86	0.00
87	T	1,3-Dichlorobenzene	1.602	1.626	-1.5	91	0.00
88	T	1,4-Dichlorobenzene	1.596	1.600	-0.3	91	0.00
89	T	n-Butylbenzene	3.035	3.006	1.0	84	0.00
90	T	Hexachloroethane	0.595	0.586	1.5	90	0.00
91	T	1,2-Dichlorobenzene	1.386	1.428	-3.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.111	-5.7	104	0.00
93	T	1,2,4-Trichlorobenzene	0.773	0.785	-1.6	87	0.00
94	T	Hexachlorobutadiene	0.485	0.446	8.0	82	0.00
95	T	Naphthalene	1.368	1.529	-11.8	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.681	0.703	-3.2	89	0.00

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