Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
Data File : VY017800.D
Acq On : 01 Apr 2024 10:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 02 03:16:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
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	95	0.00
2	T	Dichlorodifluoromethane	0.334	0.327	2.1	114	0.00
3	P	Chloromethane	0.653	0.678	-3.8	112	0.00
4	C	Vinyl Chloride	0.853	0.910	-6.7#	116	0.00
5	T	Bromomethane	0.690	0.686	0.6	114	0.00
6	T	Chloroethane	0.556	0.607	-9.2	118	0.00
7	T	Trichlorofluoromethane	0.832	0.795	4.4	107	0.01
8	T	Diethyl Ether	0.244	0.227	7.0	100	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.471	5.6	105	0.01
10	T	Methyl Iodide	0.542	0.537	0.9	99	0.01
11	T	Tert butyl alcohol	0.044	0.030	31.8#	96	0.01
12	CM	1,1-Dichloroethene	0.467	0.440	5.8#	102	0.01
13	T	Acrolein	0.030	0.027	10.0	95	0.01
14	T	Allyl chloride	0.573	0.556	3.0	104	0.01
15	T	Acrylonitrile	0.103	0.097	5.8	100	0.00
16	T	Acetone	0.089	0.101	-13.5	117	0.00
17	T	Carbon Disulfide	1.321	1.266	4.2	96	0.01
18	T	Methyl Acetate	0.198	0.185	6.6	102	0.00
19	T	Methyl tert-butyl Ether	1.069	1.040	2.7	104	0.00
20	T	Methylene Chloride	0.662	0.505	23.7	97	0.00
21	T	trans-1,2-Dichloroethene	0.499	0.479	4.0	102	0.00
22	T	Diisopropyl ether	1.324	1.319	0.4	106	0.00
23	T	Vinyl Acetate	0.808	0.820	-1.5	107	0.00
24	P	1,1-Dichloroethane	0.878	0.844	3.9	105	0.01
25	T	2-Butanone	0.127	0.132	-3.9	110	0.00
26	T	2,2-Dichloropropane	0.759	0.742	2.2	110	0.00
27	T	cis-1,2-Dichloroethene	0.590	0.570	3.4	104	0.00
28	T	Bromochloromethane	0.357	0.348	2.5	89	0.00
29	T	Tetrahydrofuran	0.076	0.076	0.0	106	0.00
30	C	Chloroform	0.911	0.876	3.8#	105	0.00
31	T	Cyclohexane	0.762	0.725	4.9	106	0.00
32	T	1,1,1-Trichloroethane	0.776	0.758	2.3	108	0.00
33	S	1,2-Dichloroethane-d4	0.433	0.378	12.7	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.289	0.252	12.8	89	0.00
36	T	1,1-Dichloropropene	0.422	0.417	1.2	104	0.00
37	T	Ethyl Acetate	0.182	0.177	2.7	106	0.00
38	T	Carbon Tetrachloride	0.438	0.430	1.8	106	0.00
39	T	Methylcyclohexane	0.527	0.532	-0.9	105	0.00
40	TM	Benzene	1.299	1.256	3.3	104	0.00
41	T	Methacrylonitrile	0.108	0.102	5.6	95	0.00
42	TM	1,2-Dichloroethane	0.320	0.315	1.6	106	0.00
43	T	Isopropyl Acetate	0.330	0.325	1.5	107	0.00
44	TM	Trichloroethene	0.338	0.321	5.0	102	0.00
45	C	1,2-Dichloropropane	0.302	0.292	3.3#	104	0.00
46	T	Dibromomethane	0.172	0.164	4.7	102	0.00
47	T	Bromodichloromethane	0.433	0.420	3.0	105	0.00
48	T	Methyl methacrylate	0.146	0.149	-2.1	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	102	0.00
50	S	Toluene-d8	1.079	0.963	10.8	90	0.00
51	T	4-Methyl-2-Pentanone	0.175	0.179	-2.3	107	0.00
52	CM	Toluene	0.788	0.773	1.9#	105	0.00
53	T	t-1,3-Dichloropropene	0.385	0.380	1.3	105	0.00
54	T	cis-1,3-Dichloropropene	0.470	0.458	2.6	104	0.00
55	T	1,1,2-Trichloroethane	0.229	0.215	6.1	103	0.00
56	T	Ethyl methacrylate	0.290	0.300	-3.4	104	0.00
57	T	1,3-Dichloropropane	0.387	0.375	3.1	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.152	0.139	8.6	83	0.00
59	T	2-Hexanone	0.120	0.131	-9.2	110	0.00
60	T	Dibromochloromethane	0.288	0.280	2.8	106	0.00
61	T	1,2-Dibromoethane	0.208	0.202	2.9	104	0.00
62	S	4-Bromofluorobenzene	0.328	0.295	10.1	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.436	0.407	6.7	102	0.00
65	PM	Chlorobenzene	1.026	0.978	4.7	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.348	0.338	2.9	107	0.00
67	C	Ethyl Benzene	1.763	1.737	1.5#	107	0.00
68	T	m/p-Xylenes	0.669	0.657	1.8	106	0.00
69	T	o-Xylene	0.621	0.612	1.4	107	0.00
70	T	Styrene	1.047	1.035	1.1	105	0.00
71	P	Bromoform	0.193	0.182	5.7	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.504	3.475	0.8	109	0.00
74	T	N-amyl acetate	0.702	0.721	-2.7	107	0.00
75	P	1,1,2,2-Tetrachloroethane	0.606	0.573	5.4	106	0.00
76	T	1,2,3-Trichloropropane	0.456	0.437	4.2	103	0.00
77	T	Bromobenzene	0.835	0.776	7.1	105	0.00
78	T	n-propylbenzene	4.276	4.273	0.1	108	0.00
79	T	2-Chlorotoluene	2.342	2.275	2.9	107	0.00
80	T	1,3,5-Trimethylbenzene	2.735	2.732	0.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.206	0.210	-1.9	109	0.00
82	T	4-Chlorotoluene	2.425	2.338	3.6	105	0.00
83	T	tert-Butylbenzene	2.486	2.486	0.0	111	0.00
84	T	1,2,4-Trimethylbenzene	2.724	2.708	0.6	108	0.00
85	T	sec-Butylbenzene	3.732	3.762	-0.8	110	0.00
86	T	p-Isopropyltoluene	3.119	3.175	-1.8	112	0.00
87	T	1,3-Dichlorobenzene	1.656	1.559	5.9	107	0.00
88	T	1,4-Dichlorobenzene	1.585	1.494	5.7	105	0.00
89	T	n-Butylbenzene	2.870	2.970	-3.5	111	0.00
90	T	Hexachloroethane	0.620	0.608	1.9	111	0.00
91	T	1,2-Dichlorobenzene	1.373	1.324	3.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.082	0.076	7.3	103	0.00
93	T	1,2,4-Trichlorobenzene	0.752	0.730	2.9	102	0.00
94	T	Hexachlorobutadiene	0.456	0.431	5.5	105	0.00
95	T	Naphthalene	1.246	1.235	0.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.614	3.3	102	0.00

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