Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
Data File : VY021501.D
Acq On : 12 Mar 2025 11:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 13 01:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
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	100	0.00
2	T	Dichlorodifluoromethane	0.459	0.420	8.5	94	0.00
3	P	Chloromethane	0.647	0.640	1.1	104	0.00
4	C	Vinyl Chloride	0.707	0.745	-5.4#	108	0.00
5	T	Bromomethane	0.511	0.495	3.1	106	-0.01
6	T	Chloroethane	0.467	0.521	-11.6	113	0.00
7	T	Trichlorofluoromethane	0.987	1.057	-7.1	110	-0.02
8	T	Diethyl Ether	0.273	0.267	2.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.531	5.7	99	-0.02
10	T	Methyl Iodide	0.573	0.619	-8.0	98	-0.01
11	T	Tert butyl alcohol	0.041	0.033	19.5	86	-0.02
12	CM	1,1-Dichloroethene	0.514	0.491	4.5#	97	-0.01
13	T	Acrolein	0.027	0.003	88.9#	71	-0.02
14	T	Allyl chloride	0.830	0.823	0.8	98	-0.02
15	T	Acrylonitrile	0.116	0.116	0.0	93	-0.02
16	T	Acetone	0.115	0.127	-10.4	95	-0.01
17	T	Carbon Disulfide	1.610	1.507	6.4	93	-0.02
18	T	Methyl Acetate	0.256	0.290	-13.3	102	-0.01
19	T	Methyl tert-butyl Ether	1.302	1.284	1.4	94	0.00
20	T	Methylene Chloride	0.605	0.557	7.9	101	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.565	1.7	100	-0.02
22	T	Diisopropyl ether	1.789	1.792	-0.2	97	-0.01
23	T	Vinyl Acetate	1.021	1.015	0.6	92	-0.02
24	P	1,1-Dichloroethane	1.056	1.042	1.3	99	-0.02
25	T	2-Butanone	0.159	0.162	-1.9	90	0.00
26	T	2,2-Dichloropropane	0.971	0.954	1.8	102	-0.01
27	T	cis-1,2-Dichloroethene	0.653	0.654	-0.2	100	-0.01
28	T	Bromochloromethane	0.443	0.418	5.6	90	-0.01
29	T	Tetrahydrofuran	0.098	0.097	1.0	88	-0.01
30	C	Chloroform	1.096	1.083	1.2#	100	-0.01
31	T	Cyclohexane	0.990	0.889	10.2	95	-0.01
32	T	1,1,1-Trichloroethane	1.004	0.976	2.8	100	-0.01
33	S	1,2-Dichloroethane-d4	0.528	0.506	4.2	105	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.01
35	S	Dibromofluoromethane	0.329	0.318	3.3	109	0.00
36	T	1,1-Dichloropropene	0.514	0.498	3.1	97	-0.01
37	T	Ethyl Acetate	0.227	0.222	2.2	91	-0.01
38	T	Carbon Tetrachloride	0.592	0.569	3.9	98	0.00
39	T	Methylcyclohexane	0.631	0.602	4.6	94	-0.01
40	TM	Benzene	1.515	1.482	2.2	97	-0.01
41	T	Methacrylonitrile	0.124	0.115	7.3	89	0.00
42	TM	1,2-Dichloroethane	0.424	0.419	1.2	97	-0.01
43	T	Isopropyl Acetate	0.441	0.423	4.1	89	0.00
44	TM	Trichloroethene	0.383	0.374	2.3	99	-0.01
45	C	1,2-Dichloropropane	0.361	0.355	1.7#	98	0.00
46	T	Dibromomethane	0.201	0.202	-0.5	96	0.00
47	T	Bromodichloromethane	0.533	0.530	0.6	98	0.00
48	T	Methyl methacrylate	0.203	0.208	-2.5	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	98	0.00
50	S	Toluene-d8	1.244	1.211	2.7	108	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.230	-0.9	89	0.00
52	CM	Toluene	0.955	0.949	0.6#	97	0.00
53	T	t-1,3-Dichloropropene	0.470	0.480	-2.1	97	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.558	-0.2	96	0.00
55	T	1,1,2-Trichloroethane	0.263	0.264	-0.4	95	0.00
56	T	Ethyl methacrylate	0.335	0.349	-4.2	92	0.00
57	T	1,3-Dichloropropane	0.455	0.452	0.7	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.173	-11.6	101	0.00
59	T	2-Hexanone	0.151	0.161	-6.6	90	0.00
60	T	Dibromochloromethane	0.360	0.360	0.0	97	0.00
61	T	1,2-Dibromoethane	0.248	0.244	1.6	94	0.00
62	S	4-Bromofluorobenzene	0.423	0.409	3.3	107	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.407	0.436	-7.1	108	0.00
65	PM	Chlorobenzene	1.181	1.166	1.3	98	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.416	0.2	99	0.00
67	C	Ethyl Benzene	2.072	2.101	-1.4#	99	0.00
68	T	m/p-Xylenes	0.787	0.798	-1.4	97	0.00
69	T	o-Xylene	0.725	0.749	-3.3	99	0.00
70	T	Styrene	1.203	1.257	-4.5	99	0.00
71	P	Bromoform	0.233	0.233	0.0	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73	T	Isopropylbenzene	3.939	3.899	1.0	98	0.00
74	T	N-amyl acetate	0.855	0.865	-1.2	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.648	6.8	90	0.00
76	T	1,2,3-Trichloropropane	0.504	0.459	8.9	94	0.00
77	T	Bromobenzene	0.921	0.905	1.7	99	0.00
78	T	n-propylbenzene	4.783	4.778	0.1	98	0.00
79	T	2-Chlorotoluene	2.735	2.694	1.5	99	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.219	-0.6	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.207	6.8	88	0.00
82	T	4-Chlorotoluene	2.832	2.786	1.6	99	0.00
83	T	tert-Butylbenzene	2.855	2.882	-0.9	100	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.229	-1.6	100	0.00
85	T	sec-Butylbenzene	4.248	4.207	1.0	98	0.00
86	T	p-Isopropyltoluene	3.500	3.530	-0.9	99	0.00
87	T	1,3-Dichlorobenzene	1.834	1.781	2.9	99	0.00
88	T	1,4-Dichlorobenzene	1.794	1.749	2.5	99	0.00
89	T	n-Butylbenzene	3.232	3.323	-2.8	99	0.00
90	T	Hexachloroethane	0.747	0.719	3.7	100	0.00
91	T	1,2-Dichlorobenzene	1.572	1.553	1.2	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.097	6.7	91	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.893	-4.0	99	0.00
94	T	Hexachlorobutadiene	0.538	0.540	-0.4	99	0.00
95	T	Naphthalene	1.390	1.469	-5.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.742	-2.8	97	0.00

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