Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021100.D
Acq On : 05 Feb 2025 19:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 00:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	115	0.00
2	T	Dichlorodifluoromethane	0.446	0.419	6.1	108	0.00
3	P	Chloromethane	0.440	0.458	-4.1	125	0.00
4	C	Vinyl Chloride	0.443	0.461	-4.1#	125	0.00
5	T	Bromomethane	0.274	0.302	-10.2	135	0.00
6	T	Chloroethane	0.263	0.304	-15.6	137	0.00
7	T	Trichlorofluoromethane	0.806	0.809	-0.4	117	0.00
8	T	Diethyl Ether	0.252	0.284	-12.7	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.493	2.6	115	0.00
10	T	Methyl Iodide	0.562	0.602	-7.1	118	0.00
11	T	Tert butyl alcohol	0.035	0.038	-8.6	136	-0.01
12	CM	1,1-Dichloroethene	0.477	0.483	-1.3#	118	0.00
13	T	Acrolein	0.053	0.049	7.5	107	0.00
14	T	Allyl chloride	0.803	0.842	-4.9	121	0.00
15	T	Acrylonitrile	0.105	0.122	-16.2	132	0.00
16	T	Acetone	0.080	0.090	-12.5	134	0.00
17	T	Carbon Disulfide	1.495	1.504	-0.6	117	0.00
18	T	Methyl Acetate	0.280	0.353	-26.1#	141	-0.01
19	T	Methyl tert-butyl Ether	1.205	1.414	-17.3	133	0.00
20	T	Methylene Chloride	0.497	0.546	-9.9	129	0.00
21	T	trans-1,2-Dichloroethene	0.525	0.549	-4.6	121	0.00
22	T	Diisopropyl ether	1.656	1.832	-10.6	126	0.00
23	T	Vinyl Acetate	0.923	1.034	-12.0	125	0.00
24	P	1,1-Dichloroethane	0.970	1.032	-6.4	125	0.00
25	T	2-Butanone	0.131	0.158	-20.6	134	0.00
26	T	2,2-Dichloropropane	0.898	0.832	7.3	110	0.00
27	T	cis-1,2-Dichloroethene	0.604	0.661	-9.4	127	0.00
28	T	Bromochloromethane	0.384	0.396	-3.1	110	0.00
29	T	Tetrahydrofuran	0.089	0.107	-20.2	134	0.00
30	C	Chloroform	0.997	1.075	-7.8#	126	0.00
31	T	Cyclohexane	0.874	0.822	5.9	114	0.00
32	T	1,1,1-Trichloroethane	0.927	0.939	-1.3	118	0.00
33	S	1,2-Dichloroethane-d4	0.512	0.533	-4.1	122	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	122	0.00
35	S	Dibromofluoromethane	0.320	0.313	2.2	122	0.00
36	T	1,1-Dichloropropene	0.475	0.447	5.9	118	0.00
37	T	Ethyl Acetate	0.208	0.224	-7.7	130	0.00
38	T	Carbon Tetrachloride	0.555	0.517	6.8	115	0.00
39	T	Methylcyclohexane	0.581	0.556	4.3	115	0.00
40	TM	Benzene	1.393	1.403	-0.7	124	0.00
41	T	Methacrylonitrile	0.120	0.126	-5.0	139	0.00
42	TM	1,2-Dichloroethane	0.386	0.397	-2.8	128	0.00
43	T	Isopropyl Acetate	0.414	0.451	-8.9	130	0.00
44	TM	Trichloroethene	0.360	0.350	2.8	123	0.00
45	C	1,2-Dichloropropane	0.331	0.340	-2.7#	127	0.00
46	T	Dibromomethane	0.183	0.189	-3.3	127	0.00
47	T	Bromodichloromethane	0.491	0.507	-3.3	128	0.00
48	T	Methyl methacrylate	0.188	0.218	-16.0	138	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	147	0.00
50	S	Toluene-d8	1.220	1.159	5.0	118	0.00
51	T	4-Methyl-2-Pentanone	0.208	0.235	-13.0	133	0.00
52	CM	Toluene	0.875	0.892	-1.9#	124	0.00
53	T	t-1,3-Dichloropropene	0.441	0.471	-6.8	128	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.538	-3.1	125	0.00
55	T	1,1,2-Trichloroethane	0.237	0.252	-6.3	131	0.00
56	T	Ethyl methacrylate	0.317	0.364	-14.8	132	0.00
57	T	1,3-Dichloropropane	0.410	0.435	-6.1	129	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.174	-15.2	135	0.00
59	T	2-Hexanone	0.134	0.157	-17.2	133	0.00
60	T	Dibromochloromethane	0.333	0.352	-5.7	130	0.00
61	T	1,2-Dibromoethane	0.222	0.241	-8.6	131	0.00
62	S	4-Bromofluorobenzene	0.399	0.399	0.0	121	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
64	T	Tetrachloroethene	0.371	0.347	6.5	118	0.00
65	PM	Chlorobenzene	1.113	1.093	1.8	124	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.393	0.8	126	0.00
67	C	Ethyl Benzene	1.969	1.922	2.4#	121	0.00
68	T	m/p-Xylenes	0.737	0.722	2.0	121	0.00
69	T	o-Xylene	0.687	0.694	-1.0	125	0.00
70	T	Styrene	1.145	1.183	-3.3	126	0.00
71	P	Bromoform	0.220	0.234	-6.4	132	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123	0.00
73	T	Isopropylbenzene	3.906	3.765	3.6	121	0.00
74	T	N-amyl acetate	0.854	0.937	-9.7	129	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.673	-3.5	130	0.00
76	T	1,2,3-Trichloropropane	0.454	0.460	-1.3	122	0.00
77	T	Bromobenzene	0.901	0.899	0.2	127	0.00
78	T	n-propylbenzene	4.653	4.377	5.9	117	0.00
79	T	2-Chlorotoluene	2.665	2.573	3.5	122	0.00
80	T	1,3,5-Trimethylbenzene	3.167	3.055	3.5	120	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.216	2.7	119	0.00
82	T	4-Chlorotoluene	2.715	2.592	4.5	121	0.00
83	T	tert-Butylbenzene	2.878	2.701	6.2	115	0.00
84	T	1,2,4-Trimethylbenzene	3.096	3.056	1.3	122	0.00
85	T	sec-Butylbenzene	4.143	3.847	7.1	117	0.00
86	T	p-Isopropyltoluene	3.442	3.241	5.8	116	0.00
87	T	1,3-Dichlorobenzene	1.740	1.685	3.2	123	0.00
88	T	1,4-Dichlorobenzene	1.714	1.653	3.6	122	0.00
89	T	n-Butylbenzene	3.140	2.938	6.4	114	0.00
90	T	Hexachloroethane	0.718	0.666	7.2	117	0.00
91	T	1,2-Dichlorobenzene	1.510	1.502	0.5	126	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.107	-10.3	135	0.00
93	T	1,2,4-Trichlorobenzene	0.841	0.902	-7.3	126	0.00
94	T	Hexachlorobutadiene	0.557	0.534	4.1	118	0.00
95	T	Naphthalene	1.345	1.947	-44.8#	160#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.777	-11.0	130	0.00

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