Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020921.D
Acq On : 23 Jan 2025 19:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 24 00:21:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 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	-0.01
2	T	Dichlorodifluoromethane	0.367	0.278	24.3	89	-0.01
3	P	Chloromethane	0.193	0.186	3.6	113	-0.01
4	C	Vinyl Chloride	0.215	0.232	-7.9#	122	-0.01
5	T	Bromomethane	0.153	0.140	8.5	110	-0.02
6	T	Chloroethane	0.132	0.151	-14.4	130	-0.01
7	T	Trichlorofluoromethane	0.659	0.606	8.0	106	-0.02
8	T	Diethyl Ether	0.206	0.200	2.9	108	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.445	0.422	5.2	109	-0.01
10	T	Methyl Iodide	0.477	0.471	1.3	107	-0.02
11	T	Tert butyl alcohol	0.032	0.029	9.4	105	-0.02
12	CM	1,1-Dichloroethene	0.390	0.360	7.7#	103	-0.02
13	T	Acrolein	0.009	0.008	11.1	184#	-0.01
14	T	Allyl chloride	0.563	0.563	0.0	114	-0.02
15	T	Acrylonitrile	0.088	0.092	-4.5	112	-0.02
16	T	Acetone	0.060	0.060	0.0	107	-0.02
17	T	Carbon Disulfide	0.846	0.735	13.1	93	-0.02
18	T	Methyl Acetate	0.204	0.232	-13.7	118	-0.02
19	T	Methyl tert-butyl Ether	1.100	1.060	3.6	107	-0.02
20	T	Methylene Chloride	0.417	0.405	2.9	111	-0.02
21	T	trans-1,2-Dichloroethene	0.429	0.399	7.0	105	-0.02
22	T	Diisopropyl ether	1.198	1.313	-9.6	125	-0.02
23	T	Vinyl Acetate	0.661	0.711	-7.6	117	-0.02
24	P	1,1-Dichloroethane	0.791	0.787	0.5	115	-0.02
25	T	2-Butanone	0.099	0.107	-8.1	114	-0.02
26	T	2,2-Dichloropropane	0.821	0.744	9.4	105	-0.02
27	T	cis-1,2-Dichloroethene	0.542	0.520	4.1	110	-0.02
28	T	Bromochloromethane	0.213	0.259	-21.6	118	-0.02
29	T	Tetrahydrofuran	0.063	0.070	-11.1	116	-0.02
30	C	Chloroform	0.902	0.867	3.9#	112	-0.02
31	T	Cyclohexane	0.618	0.565	8.6	108	-0.02
32	T	1,1,1-Trichloroethane	0.879	0.787	10.5	104	-0.02
33	S	1,2-Dichloroethane-d4	0.425	0.407	4.2	97	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	117	-0.01
35	S	Dibromofluoromethane	0.313	0.298	4.8	103	-0.01
36	T	1,1-Dichloropropene	0.400	0.378	5.5	107	-0.02
37	T	Ethyl Acetate	0.159	0.172	-8.2	117	-0.02
38	T	Carbon Tetrachloride	0.556	0.490	11.9	102	-0.01
39	T	Methylcyclohexane	0.490	0.457	6.7	105	-0.01
40	TM	Benzene	1.226	1.194	2.6	111	-0.01
41	T	Methacrylonitrile	0.091	0.105	-15.4	118	-0.02
42	TM	1,2-Dichloroethane	0.335	0.319	4.8	106	-0.02
43	T	Isopropyl Acetate	0.323	0.340	-5.3	114	-0.01
44	TM	Trichloroethene	0.342	0.322	5.8	109	-0.01
45	C	1,2-Dichloropropane	0.278	0.292	-5.0#	121	-0.01
46	T	Dibromomethane	0.160	0.161	-0.6	113	-0.01
47	T	Bromodichloromethane	0.457	0.448	2.0	112	-0.02
48	T	Methyl methacrylate	0.145	0.156	-7.6	112	-0.01

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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	99	-0.01
50	S	Toluene-d8	1.092	1.161	-6.3	106	-0.01
51	T	4-Methyl-2-Pentanone	0.162	0.180	-11.1	117	0.00
52	CM	Toluene	0.812	0.782	3.7#	109	-0.01
53	T	t-1,3-Dichloropropene	0.407	0.407	0.0	109	-0.01
54	T	cis-1,3-Dichloropropene	0.472	0.469	0.6	112	-0.01
55	T	1,1,2-Trichloroethane	0.228	0.237	-3.9	120	-0.01
56	T	Ethyl methacrylate	0.288	0.307	-6.6	114	-0.01
57	T	1,3-Dichloropropane	0.372	0.385	-3.5	115	-0.01
58	T	2-Chloroethyl Vinyl ether	0.114	0.113	0.9	102	-0.01
59	T	2-Hexanone	0.104	0.118	-13.5	116	0.00
60	T	Dibromochloromethane	0.331	0.326	1.5	111	-0.01
61	T	1,2-Dibromoethane	0.205	0.212	-3.4	116	-0.01
62	S	4-Bromofluorobenzene	0.403	0.383	5.0	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	118	-0.01
64	T	Tetrachloroethene	0.368	0.332	9.8	105	-0.01
65	PM	Chlorobenzene	1.105	1.050	5.0	111	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.421	0.396	5.9	111	0.00
67	C	Ethyl Benzene	1.914	1.828	4.5#	110	-0.01
68	T	m/p-Xylenes	0.737	0.694	5.8	110	-0.01
69	T	o-Xylene	0.699	0.668	4.4	112	0.00
70	T	Styrene	1.176	1.130	3.9	110	-0.01
71	P	Bromoform	0.239	0.234	2.1	110	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	-0.01
73	T	Isopropylbenzene	3.967	3.634	8.4	109	0.00
74	T	N-amyl acetate	0.649	0.699	-7.7	118	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.601	0.623	-3.7	118	-0.01
76	T	1,2,3-Trichloropropane	0.437	0.431	1.4	121	-0.01
77	T	Bromobenzene	0.915	0.846	7.5	111	-0.01
78	T	n-propylbenzene	4.502	4.214	6.4	111	0.00
79	T	2-Chlorotoluene	2.593	2.406	7.2	111	-0.01
80	T	1,3,5-Trimethylbenzene	3.215	2.921	9.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.207	0.201	2.9	105	-0.01
82	T	4-Chlorotoluene	2.676	2.476	7.5	111	0.00
83	T	tert-Butylbenzene	3.007	2.811	6.5	113	0.00
84	T	1,2,4-Trimethylbenzene	3.139	2.879	8.3	108	-0.01
85	T	sec-Butylbenzene	4.200	3.901	7.1	110	0.00
86	T	p-Isopropyltoluene	3.583	3.262	9.0	108	0.00
87	T	1,3-Dichlorobenzene	1.777	1.647	7.3	111	-0.01
88	T	1,4-Dichlorobenzene	1.749	1.618	7.5	112	-0.01
89	T	n-Butylbenzene	3.108	2.927	5.8	111	-0.01
90	T	Hexachloroethane	0.719	0.665	7.5	113	0.00
91	T	1,2-Dichlorobenzene	1.554	1.457	6.2	113	-0.01
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.090	7.2	110	-0.01
93	T	1,2,4-Trichlorobenzene	0.894	0.862	3.6	112	-0.01
94	T	Hexachlorobutadiene	0.630	0.584	7.3	113	-0.01
95	T	Naphthalene	1.472	1.447	1.7	112	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.733	2.1	117	-0.01

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