Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020808.D
Acq On : 08 Jan 2025 15:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:21:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 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	107	0.01
2	T	Dichlorodifluoromethane	0.367	0.321	12.5	94	0.01
3	P	Chloromethane	0.193	0.209	-8.3	118	0.00
4	C	Vinyl Chloride	0.215	0.238	-10.7#	116	0.01
5	T	Bromomethane	0.153	0.151	1.3	109	0.01
6	T	Chloroethane	0.132	0.149	-12.9	119	0.01
7	T	Trichlorofluoromethane	0.659	0.608	7.7	98	0.01
8	T	Diethyl Ether	0.206	0.220	-6.8	110	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.445	0.421	5.4	101	0.00
10	T	Methyl Iodide	0.477	0.515	-8.0	108	0.02
11	T	Tert butyl alcohol	0.032	0.027	15.6	91	0.04
12	CM	1,1-Dichloroethene	0.390	0.395	-1.3#	105	0.02
13	T	Acrolein	0.009	0.005	44.4#	106	0.01
14	T	Allyl chloride	0.563	0.616	-9.4	116	0.02
15	T	Acrylonitrile	0.088	0.092	-4.5	104	0.02
16	T	Acetone	0.060	0.060	0.0	100	0.02
17	T	Carbon Disulfide	0.846	0.913	-7.9	107	0.01
18	T	Methyl Acetate	0.204	0.232	-13.7	109	0.02
19	T	Methyl tert-butyl Ether	1.100	1.143	-3.9	107	0.01
20	T	Methylene Chloride	0.417	0.453	-8.6	116	0.01
21	T	trans-1,2-Dichloroethene	0.429	0.442	-3.0	108	0.01
22	T	Diisopropyl ether	1.198	1.388	-15.9	122	0.01
23	T	Vinyl Acetate	0.661	0.732	-10.7	111	0.02
24	P	1,1-Dichloroethane	0.791	0.846	-7.0	115	0.01
25	T	2-Butanone	0.099	0.103	-4.0	102	0.02
26	T	2,2-Dichloropropane	0.821	0.721	12.2	95	0.02
27	T	cis-1,2-Dichloroethene	0.542	0.568	-4.8	111	0.02
28	T	Bromochloromethane	0.213	0.290	-36.2#	122	0.01
29	T	Tetrahydrofuran	0.063	0.069	-9.5	105	0.02
30	C	Chloroform	0.902	0.922	-2.2#	110	0.02
31	T	Cyclohexane	0.618	0.577	6.6	102	0.01
32	T	1,1,1-Trichloroethane	0.879	0.830	5.6	101	0.02
33	S	1,2-Dichloroethane-d4	0.425	0.492	-15.8	109	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.01
35	S	Dibromofluoromethane	0.313	0.345	-10.2	114	0.01
36	T	1,1-Dichloropropene	0.400	0.381	4.8	104	0.01
37	T	Ethyl Acetate	0.159	0.164	-3.1	108	0.02
38	T	Carbon Tetrachloride	0.556	0.497	10.6	99	0.02
39	T	Methylcyclohexane	0.490	0.443	9.6	97	0.01
40	TM	Benzene	1.226	1.250	-2.0	112	0.01
41	T	Methacrylonitrile	0.091	0.101	-11.0	110	0.02
42	TM	1,2-Dichloroethane	0.335	0.338	-0.9	108	0.01
43	T	Isopropyl Acetate	0.323	0.332	-2.8	107	0.01
44	TM	Trichloroethene	0.342	0.325	5.0	106	0.01
45	C	1,2-Dichloropropane	0.278	0.294	-5.8#	117	0.01
46	T	Dibromomethane	0.160	0.164	-2.5	111	0.00
47	T	Bromodichloromethane	0.457	0.460	-0.7	110	0.01
48	T	Methyl methacrylate	0.145	0.148	-2.1	102	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	101	0.02
50	S	Toluene-d8	1.092	1.271	-16.4	111	0.01
51	T	4-Methyl-2-Pentanone	0.162	0.166	-2.5	104	0.01
52	CM	Toluene	0.812	0.817	-0.6#	110	0.01
53	T	t-1,3-Dichloropropene	0.407	0.410	-0.7	106	0.01
54	T	cis-1,3-Dichloropropene	0.472	0.478	-1.3	110	0.01
55	T	1,1,2-Trichloroethane	0.228	0.228	0.0	111	0.00
56	T	Ethyl methacrylate	0.288	0.305	-5.9	109	0.00
57	T	1,3-Dichloropropane	0.372	0.386	-3.8	111	0.01
58	T	2-Chloroethyl Vinyl ether	0.114	0.118	-3.5	102	0.01
59	T	2-Hexanone	0.104	0.108	-3.8	103	0.01
60	T	Dibromochloromethane	0.331	0.332	-0.3	109	0.01
61	T	1,2-Dibromoethane	0.205	0.209	-2.0	110	0.01
62	S	4-Bromofluorobenzene	0.403	0.438	-8.7	113	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.01
64	T	Tetrachloroethene	0.368	0.329	10.6	101	0.00
65	PM	Chlorobenzene	1.105	1.076	2.6	111	0.01
66	T	1,1,1,2-Tetrachloroethane	0.421	0.394	6.4	108	0.01
67	C	Ethyl Benzene	1.914	1.840	3.9#	108	0.01
68	T	m/p-Xylenes	0.737	0.702	4.7	108	0.00
69	T	o-Xylene	0.699	0.683	2.3	112	0.01
70	T	Styrene	1.176	1.152	2.0	110	0.00
71	P	Bromoform	0.239	0.227	5.0	104	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.01
73	T	Isopropylbenzene	3.967	3.631	8.5	106	0.01
74	T	N-amyl acetate	0.649	0.650	-0.2	106	0.01
75	P	1,1,2,2-Tetrachloroethane	0.601	0.583	3.0	107	0.00
76	T	1,2,3-Trichloropropane	0.437	0.441	-0.9	120	0.01
77	T	Bromobenzene	0.915	0.875	4.4	111	0.01
78	T	n-propylbenzene	4.502	4.149	7.8	106	0.01
79	T	2-Chlorotoluene	2.593	2.433	6.2	109	0.01
80	T	1,3,5-Trimethylbenzene	3.215	2.981	7.3	107	0.01
81	T	trans-1,4-Dichloro-2-butene	0.207	0.186	10.1	94	0.00
82	T	4-Chlorotoluene	2.676	2.490	7.0	109	0.01
83	T	tert-Butylbenzene	3.007	2.697	10.3	105	0.01
84	T	1,2,4-Trimethylbenzene	3.139	2.961	5.7	108	0.01
85	T	sec-Butylbenzene	4.200	3.784	9.9	103	0.00
86	T	p-Isopropyltoluene	3.583	3.240	9.6	104	0.00
87	T	1,3-Dichlorobenzene	1.777	1.663	6.4	109	0.01
88	T	1,4-Dichlorobenzene	1.749	1.639	6.3	110	0.01
89	T	n-Butylbenzene	3.108	2.889	7.0	106	0.01
90	T	Hexachloroethane	0.719	0.642	10.7	106	0.01
91	T	1,2-Dichlorobenzene	1.554	1.471	5.3	110	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.097	0.087	10.3	103	0.01
93	T	1,2,4-Trichlorobenzene	0.894	0.884	1.1	111	0.01
94	T	Hexachlorobutadiene	0.630	0.585	7.1	110	0.01
95	T	Naphthalene	1.472	1.441	2.1	108	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.720	3.9	111	0.01

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