Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
Data File : VY021572.D
Acq On : 19 Mar 2025 16:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 20 01:31:21 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	103	0.00
2	T	Dichlorodifluoromethane	0.459	0.389	15.3	90	0.00
3	P	Chloromethane	0.647	0.581	10.2	97	0.00
4	C	Vinyl Chloride	0.707	0.674	4.7#	101	0.00
5	T	Bromomethane	0.511	0.502	1.8	111	-0.01
6	T	Chloroethane	0.467	0.523	-12.0	117	0.00
7	T	Trichlorofluoromethane	0.987	1.083	-9.7	116	-0.01
8	T	Diethyl Ether	0.273	0.322	-17.9	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.540	4.1	104	-0.02
10	T	Methyl Iodide	0.573	0.678	-18.3	111	-0.01
11	T	Tert butyl alcohol	0.041	0.045	-9.8	123	-0.02
12	CM	1,1-Dichloroethene	0.514	0.505	1.8#	103	-0.01
13	T	Acrolein	0.027	0.005	81.5#	119	0.00
14	T	Allyl chloride	0.830	0.855	-3.0	105	-0.01
15	T	Acrylonitrile	0.116	0.142	-22.4	117	0.00
16	T	Acetone	0.115	0.103	10.4	79	0.00
17	T	Carbon Disulfide	1.610	1.444	10.3	91	-0.01
18	T	Methyl Acetate	0.256	0.398	-55.5#	144	0.00
19	T	Methyl tert-butyl Ether	1.302	1.565	-20.2	118	0.00
20	T	Methylene Chloride	0.605	0.618	-2.1	116	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.579	-0.7	106	-0.02
22	T	Diisopropyl ether	1.789	1.998	-11.7	111	0.00
23	T	Vinyl Acetate	1.021	1.145	-12.1	106	-0.01
24	P	1,1-Dichloroethane	1.056	1.116	-5.7	110	-0.01
25	T	2-Butanone	0.159	0.184	-15.7	105	0.00
26	T	2,2-Dichloropropane	0.971	0.892	8.1	98	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.718	-10.0	113	0.00
28	T	Bromochloromethane	0.443	0.497	-12.2	110	0.00
29	T	Tetrahydrofuran	0.098	0.121	-23.5	113	0.00
30	C	Chloroform	1.096	1.190	-8.6#	113	0.00
31	T	Cyclohexane	0.990	0.879	11.2	96	0.00
32	T	1,1,1-Trichloroethane	1.004	1.021	-1.7	108	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.572	-8.3	122	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35	S	Dibromofluoromethane	0.329	0.328	0.3	124	0.00
36	T	1,1-Dichloropropene	0.514	0.469	8.8	101	0.00
37	T	Ethyl Acetate	0.227	0.250	-10.1	112	0.00
38	T	Carbon Tetrachloride	0.592	0.550	7.1	104	0.00
39	T	Methylcyclohexane	0.631	0.560	11.3	96	0.00
40	TM	Benzene	1.515	1.499	1.1	108	0.00
41	T	Methacrylonitrile	0.124	0.115	7.3	98	0.00
42	TM	1,2-Dichloroethane	0.424	0.442	-4.2	113	0.00
43	T	Isopropyl Acetate	0.441	0.503	-14.1	116	0.00
44	TM	Trichloroethene	0.383	0.377	1.6	110	0.00
45	C	1,2-Dichloropropane	0.361	0.370	-2.5#	112	0.00
46	T	Dibromomethane	0.201	0.216	-7.5	113	0.00
47	T	Bromodichloromethane	0.533	0.565	-6.0	115	0.00
48	T	Methyl methacrylate	0.203	0.233	-14.8	113	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	123	0.00
50	S	Toluene-d8	1.244	1.190	4.3	117	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.282	-23.7	120	0.00
52	CM	Toluene	0.955	1.368	-43.2#	154#	0.00
53	T	t-1,3-Dichloropropene	0.470	0.502	-6.8	112	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.588	-5.6	111	0.00
55	T	1,1,2-Trichloroethane	0.263	0.292	-11.0	115	0.00
56	T	Ethyl methacrylate	0.335	0.409	-22.1	119	0.00
57	T	1,3-Dichloropropane	0.455	0.504	-10.8	117	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.175	-12.9	112	0.00
59	T	2-Hexanone	0.151	0.181	-19.9	111	0.00
60	T	Dibromochloromethane	0.360	0.400	-11.1	118	0.00
61	T	1,2-Dibromoethane	0.248	0.276	-11.3	117	0.00
62	S	4-Bromofluorobenzene	0.423	0.437	-3.3	126	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
64	T	Tetrachloroethene	0.407	0.434	-6.6	123	0.00
65	PM	Chlorobenzene	1.181	1.160	1.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.425	-1.9	115	0.00
67	C	Ethyl Benzene	2.072	1.999	3.5#	107	0.00
68	T	m/p-Xylenes	0.787	0.767	2.5	106	0.00
69	T	o-Xylene	0.725	0.735	-1.4	110	0.00
70	T	Styrene	1.203	1.256	-4.4	112	0.00
71	P	Bromoform	0.233	0.257	-10.3	118	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73	T	Isopropylbenzene	3.939	3.686	6.4	108	0.00
74	T	N-amyl acetate	0.855	0.933	-9.1	116	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.692	0.4	112	0.00
76	T	1,2,3-Trichloropropane	0.504	0.507	-0.6	122	0.00
77	T	Bromobenzene	0.921	0.903	2.0	115	0.00
78	T	n-propylbenzene	4.783	4.389	8.2	106	0.00
79	T	2-Chlorotoluene	2.735	2.580	5.7	111	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.040	5.0	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.219	1.4	109	0.00
82	T	4-Chlorotoluene	2.832	2.647	6.5	110	0.00
83	T	tert-Butylbenzene	2.855	2.707	5.2	109	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.074	3.3	111	0.00
85	T	sec-Butylbenzene	4.248	3.896	8.3	106	0.00
86	T	p-Isopropyltoluene	3.500	3.270	6.6	108	0.00
87	T	1,3-Dichlorobenzene	1.834	1.725	5.9	112	0.00
88	T	1,4-Dichlorobenzene	1.794	1.711	4.6	113	0.00
89	T	n-Butylbenzene	3.232	3.008	6.9	105	0.00
90	T	Hexachloroethane	0.747	0.695	7.0	113	0.00
91	T	1,2-Dichlorobenzene	1.572	1.566	0.4	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.112	-7.7	122	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.914	-6.4	119	0.00
94	T	Hexachlorobutadiene	0.538	0.529	1.7	113	0.00
95	T	Naphthalene	1.390	1.811	-30.3#	135	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.802	-11.1	122	0.00

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