Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
Data File : VY021541.D
Acq On : 14 Mar 2025 15:47
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 15 02:03:29 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	85	0.00
2	T	Dichlorodifluoromethane	0.459	0.393	14.4	74	0.00
3	P	Chloromethane	0.647	0.632	2.3	87	0.00
4	C	Vinyl Chloride	0.707	0.705	0.3#	86	0.00
5	T	Bromomethane	0.511	0.503	1.6	91	0.00
6	T	Chloroethane	0.467	0.514	-10.1	95	0.00
7	T	Trichlorofluoromethane	0.987	1.096	-11.0	96	-0.01
8	T	Diethyl Ether	0.273	0.314	-15.0	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.538	4.4	85	-0.01
10	T	Methyl Iodide	0.573	0.624	-8.9	84	-0.01
11	T	Tert butyl alcohol	0.041	0.034	17.1	75	0.00
12	CM	1,1-Dichloroethene	0.514	0.485	5.6#	81	-0.01
13	T	Acrolein	0.027	0.005	81.5#	89	-0.01
14	T	Allyl chloride	0.830	0.821	1.1	83	-0.01
15	T	Acrylonitrile	0.116	0.125	-7.8	85	-0.01
16	T	Acetone	0.115	0.095	17.4	60	0.00
17	T	Carbon Disulfide	1.610	1.537	4.5	80	-0.01
18	T	Methyl Acetate	0.256	0.331	-29.3#	99	0.00
19	T	Methyl tert-butyl Ether	1.302	1.368	-5.1	85	0.00
20	T	Methylene Chloride	0.605	0.594	1.8	91	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.577	-0.3	86	-0.02
22	T	Diisopropyl ether	1.789	1.928	-7.8	88	0.00
23	T	Vinyl Acetate	1.021	1.054	-3.2	80	-0.01
24	P	1,1-Dichloroethane	1.056	1.088	-3.0	88	-0.02
25	T	2-Butanone	0.159	0.155	2.5	72	0.00
26	T	2,2-Dichloropropane	0.971	0.762	21.5	69	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.686	-5.1	89	0.00
28	T	Bromochloromethane	0.443	0.430	2.9	78	0.00
29	T	Tetrahydrofuran	0.098	0.106	-8.2	81	0.00
30	C	Chloroform	1.096	1.164	-6.2#	91	0.00
31	T	Cyclohexane	0.990	0.892	9.9	80	0.00
32	T	1,1,1-Trichloroethane	1.004	1.014	-1.0	88	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.584	-10.6	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.329	0.349	-6.1	105	0.00
36	T	1,1-Dichloropropene	0.514	0.490	4.7	84	0.00
37	T	Ethyl Acetate	0.227	0.225	0.9	80	0.00
38	T	Carbon Tetrachloride	0.592	0.567	4.2	86	0.00
39	T	Methylcyclohexane	0.631	0.588	6.8	80	0.00
40	TM	Benzene	1.515	1.519	-0.3	87	0.00
41	T	Methacrylonitrile	0.124	0.123	0.8	83	0.00
42	TM	1,2-Dichloroethane	0.424	0.431	-1.7	88	0.00
43	T	Isopropyl Acetate	0.441	0.447	-1.4	82	0.00
44	TM	Trichloroethene	0.383	0.374	2.3	87	0.00
45	C	1,2-Dichloropropane	0.361	0.371	-2.8#	90	0.00
46	T	Dibromomethane	0.201	0.210	-4.5	88	0.00
47	T	Bromodichloromethane	0.533	0.557	-4.5	90	0.00
48	T	Methyl methacrylate	0.203	0.213	-4.9	83	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	83	0.00
50	S	Toluene-d8	1.244	1.288	-3.5	101	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.244	-7.0	83	0.00
52	CM	Toluene	0.955	0.959	-0.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.470	0.471	-0.2	84	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.548	1.6	83	0.00
55	T	1,1,2-Trichloroethane	0.263	0.277	-5.3	87	0.00
56	T	Ethyl methacrylate	0.335	0.363	-8.4	84	0.00
57	T	1,3-Dichloropropane	0.455	0.472	-3.7	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.178	-14.8	91	0.00
59	T	2-Hexanone	0.151	0.161	-6.6	78	0.00
60	T	Dibromochloromethane	0.360	0.377	-4.7	89	0.00
61	T	1,2-Dibromoethane	0.248	0.259	-4.4	88	0.00
62	S	4-Bromofluorobenzene	0.423	0.454	-7.3	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.407	0.449	-10.3	100	0.00
65	PM	Chlorobenzene	1.181	1.175	0.5	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.424	-1.7	91	0.00
67	C	Ethyl Benzene	2.072	2.054	0.9#	87	0.00
68	T	m/p-Xylenes	0.787	0.781	0.8	86	0.00
69	T	o-Xylene	0.725	0.737	-1.7	87	0.00
70	T	Styrene	1.203	1.258	-4.6	89	0.00
71	P	Bromoform	0.233	0.241	-3.4	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.939	3.672	6.8	86	0.00
74	T	N-amyl acetate	0.855	0.838	2.0	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.646	7.1	84	0.00
76	T	1,2,3-Trichloropropane	0.504	0.503	0.2	97	0.00
77	T	Bromobenzene	0.921	0.860	6.6	88	0.00
78	T	n-propylbenzene	4.783	4.461	6.7	86	0.00
79	T	2-Chlorotoluene	2.735	2.588	5.4	89	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.038	5.1	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.181	18.5	72	0.00
82	T	4-Chlorotoluene	2.832	2.673	5.6	89	0.00
83	T	tert-Butylbenzene	2.855	2.695	5.6	87	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.032	4.6	88	0.00
85	T	sec-Butylbenzene	4.248	3.949	7.0	86	0.00
86	T	p-Isopropyltoluene	3.500	3.290	6.0	87	0.00
87	T	1,3-Dichlorobenzene	1.834	1.700	7.3	89	0.00
88	T	1,4-Dichlorobenzene	1.794	1.663	7.3	88	0.00
89	T	n-Butylbenzene	3.232	3.051	5.6	85	0.00
90	T	Hexachloroethane	0.747	0.684	8.4	89	0.00
91	T	1,2-Dichlorobenzene	1.572	1.498	4.7	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.100	3.8	88	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.833	3.0	87	0.00
94	T	Hexachlorobutadiene	0.538	0.493	8.4	85	0.00
95	T	Naphthalene	1.390	1.437	-3.4	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.724	-0.3	88	0.00

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