Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
Data File : VY021543.D
Acq On : 17 Mar 2025 10:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 18 01:25:44 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	86	0.00
2	T	Dichlorodifluoromethane	0.459	0.388	15.5	75	0.00
3	P	Chloromethane	0.647	0.610	5.7	85	0.00
4	C	Vinyl Chloride	0.707	0.691	2.3#	86	0.00
5	T	Bromomethane	0.511	0.493	3.5	91	-0.01
6	T	Chloroethane	0.467	0.508	-8.8	95	0.00
7	T	Trichlorofluoromethane	0.987	1.063	-7.7	95	-0.01
8	T	Diethyl Ether	0.273	0.263	3.7	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.527	6.4	84	-0.01
10	T	Methyl Iodide	0.573	0.614	-7.2	84	0.00
11	T	Tert butyl alcohol	0.041	0.031	24.4	71	-0.01
12	CM	1,1-Dichloroethene	0.514	0.483	6.0#	82	-0.01
13	T	Acrolein	0.027	0.005	81.5#	90	-0.02
14	T	Allyl chloride	0.830	0.828	0.2	85	-0.01
15	T	Acrylonitrile	0.116	0.117	-0.9	81	-0.01
16	T	Acetone	0.115	0.135	-17.4	86	0.00
17	T	Carbon Disulfide	1.610	1.478	8.2	78	-0.01
18	T	Methyl Acetate	0.256	0.301	-17.6	91	-0.01
19	T	Methyl tert-butyl Ether	1.302	1.287	1.2	81	0.00
20	T	Methylene Chloride	0.605	0.566	6.4	89	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.570	0.9	87	-0.02
22	T	Diisopropyl ether	1.789	1.842	-3.0	86	0.00
23	T	Vinyl Acetate	1.021	1.009	1.2	78	-0.01
24	P	1,1-Dichloroethane	1.056	1.074	-1.7	88	-0.01
25	T	2-Butanone	0.159	0.162	-1.9	77	0.00
26	T	2,2-Dichloropropane	0.971	0.960	1.1	88	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.661	-1.2	87	0.00
28	T	Bromochloromethane	0.443	0.460	-3.8	85	0.00
29	T	Tetrahydrofuran	0.098	0.096	2.0	75	0.00
30	C	Chloroform	1.096	1.133	-3.4#	90	0.00
31	T	Cyclohexane	0.990	0.843	14.8	77	0.00
32	T	1,1,1-Trichloroethane	1.004	0.987	1.7	87	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.578	-9.5	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.329	0.359	-9.1	107	-0.01
36	T	1,1-Dichloropropene	0.514	0.489	4.9	83	0.00
37	T	Ethyl Acetate	0.227	0.218	4.0	77	0.00
38	T	Carbon Tetrachloride	0.592	0.567	4.2	85	0.00
39	T	Methylcyclohexane	0.631	0.575	8.9	78	0.00
40	TM	Benzene	1.515	1.513	0.1	86	0.00
41	T	Methacrylonitrile	0.124	0.121	2.4	81	0.00
42	TM	1,2-Dichloroethane	0.424	0.425	-0.2	86	0.00
43	T	Isopropyl Acetate	0.441	0.412	6.6	75	0.00
44	TM	Trichloroethene	0.383	0.386	-0.8	89	0.00
45	C	1,2-Dichloropropane	0.361	0.363	-0.6#	87	0.00
46	T	Dibromomethane	0.201	0.202	-0.5	84	0.00
47	T	Bromodichloromethane	0.533	0.548	-2.8	88	0.00
48	T	Methyl methacrylate	0.203	0.198	2.5	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	75	0.00
50	S	Toluene-d8	1.244	1.327	-6.7	103	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.223	2.2	75	0.00
52	CM	Toluene	0.955	0.970	-1.6#	86	0.00
53	T	t-1,3-Dichloropropene	0.470	0.480	-2.1	85	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.569	-2.2	85	0.00
55	T	1,1,2-Trichloroethane	0.263	0.267	-1.5	83	0.00
56	T	Ethyl methacrylate	0.335	0.342	-2.1	79	0.00
57	T	1,3-Dichloropropane	0.455	0.457	-0.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.164	-5.8	83	0.00
59	T	2-Hexanone	0.151	0.156	-3.3	76	0.00
60	T	Dibromochloromethane	0.360	0.372	-3.3	87	0.00
61	T	1,2-Dibromoethane	0.248	0.247	0.4	83	0.00
62	S	4-Bromofluorobenzene	0.423	0.453	-7.1	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.407	0.445	-9.3	98	0.00
65	PM	Chlorobenzene	1.181	1.180	0.1	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.417	0.0	88	0.00
67	C	Ethyl Benzene	2.072	2.035	1.8#	84	0.00
68	T	m/p-Xylenes	0.787	0.790	-0.4	85	0.00
69	T	o-Xylene	0.725	0.739	-1.9	86	0.00
70	T	Styrene	1.203	1.247	-3.7	87	0.00
71	P	Bromoform	0.233	0.237	-1.7	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.939	3.757	4.6	84	0.00
74	T	N-amyl acetate	0.855	0.760	11.1	72	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.635	8.6	79	0.00
76	T	1,2,3-Trichloropropane	0.504	0.491	2.6	90	0.00
77	T	Bromobenzene	0.921	0.895	2.8	87	0.00
78	T	n-propylbenzene	4.783	4.603	3.8	85	0.00
79	T	2-Chlorotoluene	2.735	2.631	3.8	86	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.121	2.5	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.205	7.7	78	0.00
82	T	4-Chlorotoluene	2.832	2.769	2.2	88	0.00
83	T	tert-Butylbenzene	2.855	2.761	3.3	85	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.114	2.0	86	0.00
85	T	sec-Butylbenzene	4.248	4.046	4.8	84	0.00
86	T	p-Isopropyltoluene	3.500	3.424	2.2	86	0.00
87	T	1,3-Dichlorobenzene	1.834	1.769	3.5	88	0.00
88	T	1,4-Dichlorobenzene	1.794	1.732	3.5	88	0.00
89	T	n-Butylbenzene	3.232	3.139	2.9	83	0.00
90	T	Hexachloroethane	0.747	0.702	6.0	87	0.00
91	T	1,2-Dichlorobenzene	1.572	1.531	2.6	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.094	9.6	78	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.849	1.2	84	0.00
94	T	Hexachlorobutadiene	0.538	0.537	0.2	88	0.00
95	T	Naphthalene	1.390	1.343	3.4	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.702	2.8	82	0.00

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