Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
Data File : VY021556.D
Acq On : 18 Mar 2025 10:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:38:19 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	93	0.00
2	T	Dichlorodifluoromethane	0.459	0.394	14.2	82	0.00
3	P	Chloromethane	0.647	0.589	9.0	89	0.00
4	C	Vinyl Chloride	0.707	0.699	1.1#	94	0.00
5	T	Bromomethane	0.511	0.465	9.0	92	-0.01
6	T	Chloroethane	0.467	0.497	-6.4	100	0.00
7	T	Trichlorofluoromethane	0.987	1.063	-7.7	102	-0.01
8	T	Diethyl Ether	0.273	0.270	1.1	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.528	6.2	91	-0.01
10	T	Methyl Iodide	0.573	0.577	-0.7	85	-0.01
11	T	Tert butyl alcohol	0.041	0.040	2.4	97	-0.01
12	CM	1,1-Dichloroethene	0.514	0.477	7.2#	87	-0.01
13	T	Acrolein	0.027	0.004	85.2#	89	-0.02
14	T	Allyl chloride	0.830	0.786	5.3	87	-0.01
15	T	Acrylonitrile	0.116	0.126	-8.6	93	-0.01
16	T	Acetone	0.115	0.108	6.1	74	0.00
17	T	Carbon Disulfide	1.610	1.397	13.2	79	-0.01
18	T	Methyl Acetate	0.256	0.338	-32.0#	110	0.00
19	T	Methyl tert-butyl Ether	1.302	1.328	-2.0	90	0.00
20	T	Methylene Chloride	0.605	0.532	12.1	89	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.536	6.8	88	-0.01
22	T	Diisopropyl ether	1.789	1.768	1.2	89	0.00
23	T	Vinyl Acetate	1.021	1.027	-0.6	86	-0.01
24	P	1,1-Dichloroethane	1.056	1.011	4.3	89	-0.01
25	T	2-Butanone	0.159	0.166	-4.4	85	0.00
26	T	2,2-Dichloropropane	0.971	0.899	7.4	89	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.626	4.1	89	0.00
28	T	Bromochloromethane	0.443	0.467	-5.4	93	0.00
29	T	Tetrahydrofuran	0.098	0.107	-9.2	90	0.00
30	C	Chloroform	1.096	1.057	3.6#	90	0.00
31	T	Cyclohexane	0.990	0.854	13.7	84	0.00
32	T	1,1,1-Trichloroethane	1.004	0.961	4.3	91	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.534	-1.1	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.329	0.340	-3.3	104	0.00
36	T	1,1-Dichloropropene	0.514	0.491	4.5	86	0.00
37	T	Ethyl Acetate	0.227	0.248	-9.3	91	0.00
38	T	Carbon Tetrachloride	0.592	0.583	1.5	90	0.00
39	T	Methylcyclohexane	0.631	0.602	4.6	84	0.00
40	TM	Benzene	1.515	1.476	2.6	87	0.00
41	T	Methacrylonitrile	0.124	0.127	-2.4	88	0.00
42	TM	1,2-Dichloroethane	0.424	0.427	-0.7	89	0.00
43	T	Isopropyl Acetate	0.441	0.475	-7.7	89	0.00
44	TM	Trichloroethene	0.383	0.379	1.0	90	0.00
45	C	1,2-Dichloropropane	0.361	0.362	-0.3#	89	0.00
46	T	Dibromomethane	0.201	0.208	-3.5	89	0.00
47	T	Bromodichloromethane	0.533	0.547	-2.6	91	0.00
48	T	Methyl methacrylate	0.203	0.230	-13.3	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50	S	Toluene-d8	1.244	1.260	-1.3	101	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.265	-16.2	92	0.00
52	CM	Toluene	0.955	0.954	0.1#	88	0.00
53	T	t-1,3-Dichloropropene	0.470	0.496	-5.5	90	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.571	-2.5	88	0.00
55	T	1,1,2-Trichloroethane	0.263	0.276	-4.9	89	0.00
56	T	Ethyl methacrylate	0.335	0.384	-14.6	91	0.00
57	T	1,3-Dichloropropane	0.455	0.478	-5.1	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.182	-17.4	95	0.00
59	T	2-Hexanone	0.151	0.178	-17.9	89	0.00
60	T	Dibromochloromethane	0.360	0.383	-6.4	92	0.00
61	T	1,2-Dibromoethane	0.248	0.261	-5.2	90	0.00
62	S	4-Bromofluorobenzene	0.423	0.444	-5.0	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.407	0.445	-9.3	101	0.00
65	PM	Chlorobenzene	1.181	1.165	1.4	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.417	0.0	91	0.00
67	C	Ethyl Benzene	2.072	2.017	2.7#	87	0.00
68	T	m/p-Xylenes	0.787	0.781	0.8	87	0.00
69	T	o-Xylene	0.725	0.732	-1.0	88	0.00
70	T	Styrene	1.203	1.246	-3.6	90	0.00
71	P	Bromoform	0.233	0.251	-7.7	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.939	3.724	5.5	88	0.00
74	T	N-amyl acetate	0.855	0.911	-6.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.684	1.6	90	0.00
76	T	1,2,3-Trichloropropane	0.504	0.519	-3.0	101	0.00
77	T	Bromobenzene	0.921	0.877	4.8	91	0.00
78	T	n-propylbenzene	4.783	4.550	4.9	89	0.00
79	T	2-Chlorotoluene	2.735	2.563	6.3	90	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.064	4.3	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.218	1.8	88	0.00
82	T	4-Chlorotoluene	2.832	2.688	5.1	90	0.00
83	T	tert-Butylbenzene	2.855	2.739	4.1	90	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.090	2.8	90	0.00
85	T	sec-Butylbenzene	4.248	4.052	4.6	89	0.00
86	T	p-Isopropyltoluene	3.500	3.426	2.1	91	0.00
87	T	1,3-Dichlorobenzene	1.834	1.746	4.8	92	0.00
88	T	1,4-Dichlorobenzene	1.794	1.705	5.0	92	0.00
89	T	n-Butylbenzene	3.232	3.163	2.1	90	0.00
90	T	Hexachloroethane	0.747	0.703	5.9	92	0.00
91	T	1,2-Dichlorobenzene	1.572	1.539	2.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.111	-6.7	98	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.903	-5.1	95	0.00
94	T	Hexachlorobutadiene	0.538	0.558	-3.7	97	0.00
95	T	Naphthalene	1.390	1.593	-14.6	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.781	-8.2	97	0.00

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