Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
Data File : VY021530.D
Acq On : 14 Mar 2025 10:38
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 15 01:58:17 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	89	0.00
2	T	Dichlorodifluoromethane	0.459	0.409	10.9	81	0.00
3	P	Chloromethane	0.647	0.638	1.4	92	0.00
4	C	Vinyl Chloride	0.707	0.743	-5.1#	95	0.00
5	T	Bromomethane	0.511	0.502	1.8	95	-0.02
6	T	Chloroethane	0.467	0.522	-11.8	101	-0.01
7	T	Trichlorofluoromethane	0.987	1.040	-5.4	95	-0.02
8	T	Diethyl Ether	0.273	0.283	-3.7	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.551	2.1	91	-0.02
10	T	Methyl Iodide	0.573	0.604	-5.4	85	-0.01
11	T	Tert butyl alcohol	0.041	0.043	-4.9	100	-0.02
12	CM	1,1-Dichloroethene	0.514	0.494	3.9#	87	-0.01
13	T	Acrolein	0.027	0.008	70.4#	148	-0.02
14	T	Allyl chloride	0.830	0.818	1.4	86	-0.02
15	T	Acrylonitrile	0.116	0.134	-15.5	95	-0.01
16	T	Acetone	0.115	0.129	-12.2	85	0.00
17	T	Carbon Disulfide	1.610	1.486	7.7	81	-0.02
18	T	Methyl Acetate	0.256	0.350	-36.7#	109	-0.01
19	T	Methyl tert-butyl Ether	1.302	1.400	-7.5	91	-0.01
20	T	Methylene Chloride	0.605	0.562	7.1	90	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.560	2.6	88	-0.02
22	T	Diisopropyl ether	1.789	1.876	-4.9	90	-0.01
23	T	Vinyl Acetate	1.021	1.105	-8.2	88	-0.01
24	P	1,1-Dichloroethane	1.056	1.050	0.6	89	-0.02
25	T	2-Butanone	0.159	0.184	-15.7	90	0.00
26	T	2,2-Dichloropropane	0.971	0.921	5.1	87	-0.01
27	T	cis-1,2-Dichloroethene	0.653	0.645	1.2	87	-0.01
28	T	Bromochloromethane	0.443	0.478	-7.9	91	-0.01
29	T	Tetrahydrofuran	0.098	0.118	-20.4	94	-0.01
30	C	Chloroform	1.096	1.107	-1.0#	90	-0.01
31	T	Cyclohexane	0.990	0.886	10.5	84	-0.01
32	T	1,1,1-Trichloroethane	1.004	0.978	2.6	89	-0.01
33	S	1,2-Dichloroethane-d4	0.528	0.494	6.4	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.01
35	S	Dibromofluoromethane	0.329	0.304	7.6	92	-0.01
36	T	1,1-Dichloropropene	0.514	0.486	5.4	84	-0.01
37	T	Ethyl Acetate	0.227	0.257	-13.2	93	-0.01
38	T	Carbon Tetrachloride	0.592	0.577	2.5	88	0.00
39	T	Methylcyclohexane	0.631	0.606	4.0	84	0.00
40	TM	Benzene	1.515	1.501	0.9	87	0.00
41	T	Methacrylonitrile	0.124	0.148	-19.4	102	0.00
42	TM	1,2-Dichloroethane	0.424	0.438	-3.3	90	-0.01
43	T	Isopropyl Acetate	0.441	0.497	-12.7	93	0.00
44	TM	Trichloroethene	0.383	0.379	1.0	89	-0.01
45	C	1,2-Dichloropropane	0.361	0.367	-1.7#	90	0.00
46	T	Dibromomethane	0.201	0.218	-8.5	92	0.00
47	T	Bromodichloromethane	0.533	0.556	-4.3	91	0.00
48	T	Methyl methacrylate	0.203	0.229	-12.8	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	105	0.00
50	S	Toluene-d8	1.244	1.111	10.7	88	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.279	-22.4	95	0.00
52	CM	Toluene	0.955	0.963	-0.8#	88	0.00
53	T	t-1,3-Dichloropropene	0.470	0.509	-8.3	92	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.583	-4.7	89	0.00
55	T	1,1,2-Trichloroethane	0.263	0.283	-7.6	90	0.00
56	T	Ethyl methacrylate	0.335	0.394	-17.6	92	0.00
57	T	1,3-Dichloropropane	0.455	0.490	-7.7	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.171	-10.3	88	0.00
59	T	2-Hexanone	0.151	0.190	-25.8#	94	0.00
60	T	Dibromochloromethane	0.360	0.387	-7.5	92	0.00
61	T	1,2-Dibromoethane	0.248	0.271	-9.3	93	0.00
62	S	4-Bromofluorobenzene	0.423	0.390	7.8	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.407	0.429	-5.4	97	0.00
65	PM	Chlorobenzene	1.181	1.152	2.5	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.417	0.0	90	0.00
67	C	Ethyl Benzene	2.072	2.050	1.1#	88	0.00
68	T	m/p-Xylenes	0.787	0.783	0.5	87	0.00
69	T	o-Xylene	0.725	0.729	-0.6	88	0.00
70	T	Styrene	1.203	1.249	-3.8	89	0.00
71	P	Bromoform	0.233	0.252	-8.2	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.939	3.764	4.4	88	0.00
74	T	N-amyl acetate	0.855	0.936	-9.5	93	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.701	-0.9	91	0.00
76	T	1,2,3-Trichloropropane	0.504	0.547	-8.5	105	0.00
77	T	Bromobenzene	0.921	0.887	3.7	90	0.00
78	T	n-propylbenzene	4.783	4.569	4.5	88	0.00
79	T	2-Chlorotoluene	2.735	2.592	5.2	89	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.107	2.9	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.225	-1.4	89	0.00
82	T	4-Chlorotoluene	2.832	2.735	3.4	90	0.00
83	T	tert-Butylbenzene	2.855	2.778	2.7	89	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.104	2.3	89	0.00
85	T	sec-Butylbenzene	4.248	4.090	3.7	88	0.00
86	T	p-Isopropyltoluene	3.500	3.430	2.0	90	0.00
87	T	1,3-Dichlorobenzene	1.834	1.768	3.6	92	0.00
88	T	1,4-Dichlorobenzene	1.794	1.732	3.5	91	0.00
89	T	n-Butylbenzene	3.232	3.209	0.7	89	0.00
90	T	Hexachloroethane	0.747	0.704	5.8	91	0.00
91	T	1,2-Dichlorobenzene	1.572	1.545	1.7	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.113	-8.7	98	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.894	-4.1	93	0.00
94	T	Hexachlorobutadiene	0.538	0.540	-0.4	92	0.00
95	T	Naphthalene	1.390	1.593	-14.6	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.771	-6.8	94	0.00

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