Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021499.D
Acq On : 11 Mar 2025 20:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:27:19 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	80	0.00
2	T	Dichlorodifluoromethane	0.459	0.416	9.4	75	0.00
3	P	Chloromethane	0.647	0.726	-12.2	94	0.00
4	C	Vinyl Chloride	0.707	0.783	-10.7#	91	0.00
5	T	Bromomethane	0.511	0.560	-9.6	96	-0.01
6	T	Chloroethane	0.467	0.587	-25.7#	102	0.00
7	T	Trichlorofluoromethane	0.987	1.103	-11.8	91	-0.01
8	T	Diethyl Ether	0.273	0.355	-30.0#	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.552	2.0	82	-0.01
10	T	Methyl Iodide	0.573	0.732	-27.7#	93	0.00
11	T	Tert butyl alcohol	0.041	0.040	2.4	86	-0.02
12	CM	1,1-Dichloroethene	0.514	0.535	-4.1#	85	-0.01
13	T	Acrolein	0.027	0.004	85.2#	67	-0.02
14	T	Allyl chloride	0.830	0.913	-10.0	87	-0.01
15	T	Acrylonitrile	0.116	0.147	-26.7#	94	-0.01
16	T	Acetone	0.115	0.114	0.9	68	0.00
17	T	Carbon Disulfide	1.610	1.700	-5.6	83	-0.01
18	T	Methyl Acetate	0.256	0.415	-62.1#	117	0.00
19	T	Methyl tert-butyl Ether	1.302	1.597	-22.7	94	-0.01
20	T	Methylene Chloride	0.605	0.671	-10.9	97	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.638	-11.0	91	-0.01
22	T	Diisopropyl ether	1.789	2.218	-24.0	96	0.00
23	T	Vinyl Acetate	1.021	1.213	-18.8	87	-0.01
24	P	1,1-Dichloroethane	1.056	1.225	-16.0	93	-0.01
25	T	2-Butanone	0.159	0.187	-17.6	83	0.00
26	T	2,2-Dichloropropane	0.971	0.808	16.8	69	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.783	-19.9	96	-0.01
28	T	Bromochloromethane	0.443	0.503	-13.5	86	0.00
29	T	Tetrahydrofuran	0.098	0.127	-29.6#	92	0.00
30	C	Chloroform	1.096	1.298	-18.4#	96	0.00
31	T	Cyclohexane	0.990	0.923	6.8	79	0.00
32	T	1,1,1-Trichloroethane	1.004	1.092	-8.8	89	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.617	-16.9	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.329	0.350	-6.4	103	0.00
36	T	1,1-Dichloropropene	0.514	0.504	1.9	85	0.00
37	T	Ethyl Acetate	0.227	0.264	-16.3	93	0.00
38	T	Carbon Tetrachloride	0.592	0.578	2.4	86	0.00
39	T	Methylcyclohexane	0.631	0.576	8.7	77	0.00
40	TM	Benzene	1.515	1.635	-7.9	92	0.00
41	T	Methacrylonitrile	0.124	0.145	-16.9	96	0.00
42	TM	1,2-Dichloroethane	0.424	0.482	-13.7	96	0.00
43	T	Isopropyl Acetate	0.441	0.512	-16.1	92	0.00
44	TM	Trichloroethene	0.383	0.401	-4.7	91	0.00
45	C	1,2-Dichloropropane	0.361	0.407	-12.7#	96	0.00
46	T	Dibromomethane	0.201	0.237	-17.9	97	0.00
47	T	Bromodichloromethane	0.533	0.609	-14.3	97	0.00
48	T	Methyl methacrylate	0.203	0.248	-22.2	95	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	98	0.00
50	S	Toluene-d8	1.244	1.276	-2.6	98	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.281	-23.2	93	0.00
52	CM	Toluene	0.955	1.038	-8.7#	91	0.00
53	T	t-1,3-Dichloropropene	0.470	0.515	-9.6	90	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.604	-8.4	90	0.00
55	T	1,1,2-Trichloroethane	0.263	0.309	-17.5	95	0.00
56	T	Ethyl methacrylate	0.335	0.410	-22.4	93	0.00
57	T	1,3-Dichloropropane	0.455	0.533	-17.1	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.184	-18.7	92	0.00
59	T	2-Hexanone	0.151	0.186	-23.2	89	0.00
60	T	Dibromochloromethane	0.360	0.415	-15.3	96	0.00
61	T	1,2-Dibromoethane	0.248	0.289	-16.5	96	0.00
62	S	4-Bromofluorobenzene	0.423	0.456	-7.8	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.407	0.438	-7.6	98	0.00
65	PM	Chlorobenzene	1.181	1.227	-3.9	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.445	-6.7	95	0.00
67	C	Ethyl Benzene	2.072	2.152	-3.9#	91	0.00
68	T	m/p-Xylenes	0.787	0.819	-4.1	90	0.00
69	T	o-Xylene	0.725	0.782	-7.9	93	0.00
70	T	Styrene	1.203	1.341	-11.5	95	0.00
71	P	Bromoform	0.233	0.263	-12.9	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.939	3.880	1.5	89	0.00
74	T	N-amyl acetate	0.855	0.930	-8.8	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.736	-5.9	94	0.00
76	T	1,2,3-Trichloropropane	0.504	0.502	0.4	94	0.00
77	T	Bromobenzene	0.921	0.952	-3.4	95	0.00
78	T	n-propylbenzene	4.783	4.674	2.3	88	0.00
79	T	2-Chlorotoluene	2.735	2.749	-0.5	93	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.230	-0.9	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.190	14.4	74	0.00
82	T	4-Chlorotoluene	2.832	2.869	-1.3	93	0.00
83	T	tert-Butylbenzene	2.855	2.870	-0.5	91	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.254	-2.4	92	0.00
85	T	sec-Butylbenzene	4.248	4.065	4.3	86	0.00
86	T	p-Isopropyltoluene	3.500	3.411	2.5	88	0.00
87	T	1,3-Dichlorobenzene	1.834	1.851	-0.9	94	0.00
88	T	1,4-Dichlorobenzene	1.794	1.819	-1.4	94	0.00
89	T	n-Butylbenzene	3.232	3.117	3.6	85	0.00
90	T	Hexachloroethane	0.747	0.721	3.5	91	0.00
91	T	1,2-Dichlorobenzene	1.572	1.627	-3.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.110	-5.8	94	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.891	-3.7	91	0.00
94	T	Hexachlorobutadiene	0.538	0.500	7.1	84	0.00
95	T	Naphthalene	1.390	1.552	-11.7	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.763	-5.7	91	0.00

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