Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
Data File : VY022901.D
Acq On : 01 Jul 2025 16:27
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: Jul 02 02:48:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	88	0.00
2	T	Dichlorodifluoromethane	0.428	0.382	10.7	79	0.00
3	P	Chloromethane	0.816	0.734	10.0	82	0.00
4	C	Vinyl Chloride	1.020	0.948	7.1#	80	0.00
5	T	Bromomethane	0.802	0.711	11.3	81	0.00
6	T	Chloroethane	0.686	0.661	3.6	84	0.00
7	T	Trichlorofluoromethane	1.129	1.029	8.9	78	0.00
8	T	Diethyl Ether	0.279	0.278	0.4	86	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.512	0.8	88	0.00
10	T	Methyl Iodide	0.562	0.586	-4.3	82	0.00
11	T	Tert butyl alcohol	0.037	0.033	10.8	77	-0.02
12	CM	1,1-Dichloroethene	0.506	0.500	1.2#	86	-0.01
13	T	Acrolein	0.050	0.025	50.0#	45#	-0.01
14	T	Allyl chloride	0.778	0.799	-2.7	88	-0.01
15	T	Acrylonitrile	0.116	0.117	-0.9	85	-0.01
16	T	Acetone	0.105	0.114	-8.6	105	-0.01
17	T	Carbon Disulfide	1.635	1.575	3.7	83	0.00
18	T	Methyl Acetate	0.349	0.297	14.9	75	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.360	1.3	83	-0.01
20	T	Methylene Chloride	0.666	0.633	5.0	94	-0.01
21	T	trans-1,2-Dichloroethene	0.578	0.570	1.4	85	-0.01
22	T	Diisopropyl ether	1.729	1.804	-4.3	89	-0.01
23	T	Vinyl Acetate	0.955	0.999	-4.6	87	-0.01
24	P	1,1-Dichloroethane	1.044	1.065	-2.0	87	-0.01
25	T	2-Butanone	0.154	0.158	-2.6	91	-0.01
26	T	2,2-Dichloropropane	0.875	0.887	-1.4	88	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.675	-0.4	87	0.00
28	T	Bromochloromethane	0.439	0.454	-3.4	87	0.00
29	T	Tetrahydrofuran	0.097	0.096	1.0	83	-0.01
30	C	Chloroform	1.076	1.069	0.7#	86	0.00
31	T	Cyclohexane	0.959	0.937	2.3	87	0.00
32	T	1,1,1-Trichloroethane	0.929	0.933	-0.4	87	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.557	0.2	88	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.304	0.312	-2.6	88	-0.01
36	T	1,1-Dichloropropene	0.461	0.480	-4.1	88	0.00
37	T	Ethyl Acetate	0.199	0.206	-3.5	85	-0.01
38	T	Carbon Tetrachloride	0.486	0.489	-0.6	85	0.00
39	T	Methylcyclohexane	0.596	0.624	-4.7	86	-0.01
40	TM	Benzene	1.417	1.466	-3.5	85	0.00
41	T	Methacrylonitrile	0.122	0.117	4.1	84	-0.02
42	TM	1,2-Dichloroethane	0.388	0.399	-2.8	85	0.00
43	T	Isopropyl Acetate	0.413	0.427	-3.4	84	0.00
44	TM	Trichloroethene	0.356	0.369	-3.7	85	0.00
45	C	1,2-Dichloropropane	0.332	0.352	-6.0#	89	0.00
46	T	Dibromomethane	0.188	0.190	-1.1	85	0.00
47	T	Bromodichloromethane	0.485	0.503	-3.7	86	0.00
48	T	Methyl methacrylate	0.199	0.207	-4.0	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	78	-0.01
50	S	Toluene-d8	1.207	1.239	-2.7	87	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.222	-5.7	84	0.00
52	CM	Toluene	0.894	0.935	-4.6#	86	0.00
53	T	t-1,3-Dichloropropene	0.437	0.454	-3.9	86	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.528	-4.3	86	0.00
55	T	1,1,2-Trichloroethane	0.244	0.250	-2.5	84	0.00
56	T	Ethyl methacrylate	0.328	0.346	-5.5	84	0.00
57	T	1,3-Dichloropropane	0.425	0.434	-2.1	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.177	-22.1	89	0.00
59	T	2-Hexanone	0.143	0.149	-4.2	84	0.00
60	T	Dibromochloromethane	0.315	0.324	-2.9	84	0.00
61	T	1,2-Dibromoethane	0.228	0.230	-0.9	83	0.00
62	S	4-Bromofluorobenzene	0.388	0.394	-1.5	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.472	0.495	-4.9	83	0.00
65	PM	Chlorobenzene	1.099	1.110	-1.0	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.378	-1.6	85	0.00
67	C	Ethyl Benzene	1.930	2.021	-4.7#	87	0.00
68	T	m/p-Xylenes	0.746	0.786	-5.4	87	0.00
69	T	o-Xylene	0.703	0.736	-4.7	87	0.00
70	T	Styrene	1.178	1.229	-4.3	86	0.00
71	P	Bromoform	0.207	0.200	3.4	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.698	3.880	-4.9	86	0.00
74	T	N-amyl acetate	0.830	0.881	-6.1	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.572	4.0	85	0.00
76	T	1,2,3-Trichloropropane	0.510	0.506	0.8	84	0.00
77	T	Bromobenzene	0.838	0.835	0.4	83	0.00
78	T	n-propylbenzene	4.465	4.760	-6.6	88	0.00
79	T	2-Chlorotoluene	2.522	2.620	-3.9	86	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.151	-5.6	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.195	3.5	83	0.00
82	T	4-Chlorotoluene	2.650	2.741	-3.4	86	0.00
83	T	tert-Butylbenzene	2.633	2.787	-5.8	86	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.144	-5.2	85	0.00
85	T	sec-Butylbenzene	3.961	4.244	-7.1	87	0.00
86	T	p-Isopropyltoluene	3.296	3.500	-6.2	86	0.00
87	T	1,3-Dichlorobenzene	1.683	1.735	-3.1	86	0.00
88	T	1,4-Dichlorobenzene	1.672	1.680	-0.5	84	0.00
89	T	n-Butylbenzene	3.101	3.308	-6.7	87	0.00
90	T	Hexachloroethane	0.657	0.678	-3.2	85	0.00
91	T	1,2-Dichlorobenzene	1.483	1.481	0.1	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.092	8.9	75	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.773	7.8	77	0.00
94	T	Hexachlorobutadiene	0.474	0.439	7.4	80	0.00
95	T	Naphthalene	1.515	1.365	9.9	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.646	10.8	75	0.00

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