Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022809.D
Acq On : 24 Jun 2025 20:09
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: Jun 25 01:31:52 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	84	0.00
2	T	Dichlorodifluoromethane	0.428	0.410	4.2	81	0.00
3	P	Chloromethane	0.816	0.743	8.9	78	0.00
4	C	Vinyl Chloride	1.020	1.032	-1.2#	83	0.00
5	T	Bromomethane	0.802	0.827	-3.1	90	-0.01
6	T	Chloroethane	0.686	0.714	-4.1	86	-0.01
7	T	Trichlorofluoromethane	1.129	1.137	-0.7	82	-0.01
8	T	Diethyl Ether	0.279	0.291	-4.3	85	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.507	1.7	82	0.00
10	T	Methyl Iodide	0.562	0.616	-9.6	82	-0.01
11	T	Tert butyl alcohol	0.037	0.035	5.4	77	-0.03
12	CM	1,1-Dichloroethene	0.506	0.505	0.2#	82	-0.02
13	T	Acrolein	0.050	0.038	24.0	65	-0.01
14	T	Allyl chloride	0.778	0.747	4.0	78	-0.01
15	T	Acrylonitrile	0.116	0.115	0.9	80	-0.01
16	T	Acetone	0.105	0.086	18.1	75	-0.01
17	T	Carbon Disulfide	1.635	1.612	1.4	81	-0.01
18	T	Methyl Acetate	0.349	0.344	1.4	82	-0.02
19	T	Methyl tert-butyl Ether	1.378	1.424	-3.3	83	-0.02
20	T	Methylene Chloride	0.666	0.602	9.6	85	-0.01
21	T	trans-1,2-Dichloroethene	0.578	0.592	-2.4	84	-0.01
22	T	Diisopropyl ether	1.729	1.746	-1.0	82	-0.01
23	T	Vinyl Acetate	0.955	0.932	2.4	77	-0.02
24	P	1,1-Dichloroethane	1.044	1.059	-1.4	82	-0.01
25	T	2-Butanone	0.154	0.138	10.4	76	-0.01
26	T	2,2-Dichloropropane	0.875	0.766	12.5	73	-0.01
27	T	cis-1,2-Dichloroethene	0.672	0.695	-3.4	85	-0.01
28	T	Bromochloromethane	0.439	0.431	1.8	79	-0.01
29	T	Tetrahydrofuran	0.097	0.094	3.1	78	-0.01
30	C	Chloroform	1.076	1.100	-2.2#	84	-0.01
31	T	Cyclohexane	0.959	0.893	6.9	79	-0.01
32	T	1,1,1-Trichloroethane	0.929	0.955	-2.8	84	-0.01
33	S	1,2-Dichloroethane-d4	0.558	0.557	0.2	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.304	0.297	2.3	84	0.00
36	T	1,1-Dichloropropene	0.461	0.450	2.4	83	-0.01
37	T	Ethyl Acetate	0.199	0.191	4.0	80	-0.01
38	T	Carbon Tetrachloride	0.486	0.472	2.9	83	-0.01
39	T	Methylcyclohexane	0.596	0.577	3.2	81	-0.01
40	TM	Benzene	1.417	1.421	-0.3	84	-0.01
41	T	Methacrylonitrile	0.122	0.108	11.5	78	-0.01
42	TM	1,2-Dichloroethane	0.388	0.382	1.5	82	-0.01
43	T	Isopropyl Acetate	0.413	0.394	4.6	78	0.00
44	TM	Trichloroethene	0.356	0.364	-2.2	84	0.00
45	C	1,2-Dichloropropane	0.332	0.326	1.8#	83	0.00
46	T	Dibromomethane	0.188	0.185	1.6	83	0.00
47	T	Bromodichloromethane	0.485	0.490	-1.0	85	0.00
48	T	Methyl methacrylate	0.199	0.190	4.5	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	81	-0.02
50	S	Toluene-d8	1.207	1.200	0.6	85	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.205	2.4	78	0.00
52	CM	Toluene	0.894	0.910	-1.8#	85	-0.01
53	T	t-1,3-Dichloropropene	0.437	0.423	3.2	81	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.493	2.6	81	0.00
55	T	1,1,2-Trichloroethane	0.244	0.244	0.0	83	0.00
56	T	Ethyl methacrylate	0.328	0.335	-2.1	82	-0.01
57	T	1,3-Dichloropropane	0.425	0.426	-0.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.165	-13.8	84	0.00
59	T	2-Hexanone	0.143	0.136	4.9	77	0.00
60	T	Dibromochloromethane	0.315	0.320	-1.6	84	0.00
61	T	1,2-Dibromoethane	0.228	0.231	-1.3	84	0.00
62	S	4-Bromofluorobenzene	0.388	0.383	1.3	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.472	0.508	-7.6	86	-0.01
65	PM	Chlorobenzene	1.099	1.095	0.4	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.377	-1.3	86	0.00
67	C	Ethyl Benzene	1.930	1.955	-1.3#	85	0.00
68	T	m/p-Xylenes	0.746	0.761	-2.0	85	-0.01
69	T	o-Xylene	0.703	0.728	-3.6	87	0.00
70	T	Styrene	1.178	1.230	-4.4	86	0.00
71	P	Bromoform	0.207	0.202	2.4	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.698	3.760	-1.7	85	0.00
74	T	N-amyl acetate	0.830	0.822	1.0	79	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.541	9.2	82	0.00
76	T	1,2,3-Trichloropropane	0.510	0.470	7.8	79	0.00
77	T	Bromobenzene	0.838	0.850	-1.4	86	0.00
78	T	n-propylbenzene	4.465	4.527	-1.4	85	0.00
79	T	2-Chlorotoluene	2.522	2.545	-0.9	85	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.074	-3.0	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.169	16.3	73	0.00
82	T	4-Chlorotoluene	2.650	2.681	-1.2	85	0.00
83	T	tert-Butylbenzene	2.633	2.703	-2.7	85	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.077	-2.9	85	0.00
85	T	sec-Butylbenzene	3.961	4.070	-2.8	85	0.00
86	T	p-Isopropyltoluene	3.296	3.405	-3.3	85	0.00
87	T	1,3-Dichlorobenzene	1.683	1.691	-0.5	85	-0.01
88	T	1,4-Dichlorobenzene	1.672	1.655	1.0	84	-0.01
89	T	n-Butylbenzene	3.101	3.093	0.3	83	-0.01
90	T	Hexachloroethane	0.657	0.663	-0.9	84	0.00
91	T	1,2-Dichlorobenzene	1.483	1.473	0.7	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.095	5.9	79	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.792	5.5	81	0.00
94	T	Hexachlorobutadiene	0.474	0.438	7.6	81	0.00
95	T	Naphthalene	1.515	1.493	1.5	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.681	5.9	80	0.00

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