Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022988.D
Acq On : 08 Jul 2025 20:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 09 02:37:38 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	75	0.00
2	T	Dichlorodifluoromethane	0.428	0.370	13.6	65	0.00
3	P	Chloromethane	0.816	0.761	6.7	72	0.00
4	C	Vinyl Chloride	1.020	0.997	2.3#	71	0.00
5	T	Bromomethane	0.802	0.791	1.4	76	0.00
6	T	Chloroethane	0.686	0.713	-3.9	77	0.00
7	T	Trichlorofluoromethane	1.129	1.000	11.4	64	0.00
8	T	Diethyl Ether	0.279	0.276	1.1	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.513	0.6	74	0.00
10	T	Methyl Iodide	0.562	0.591	-5.2	70	0.00
11	T	Tert butyl alcohol	0.037	0.034	8.1	66	-0.01
12	CM	1,1-Dichloroethene	0.506	0.499	1.4#	72	0.00
13	T	Acrolein	0.050	0.015	70.0#	23#	0.00
14	T	Allyl chloride	0.778	0.794	-2.1	74	0.00
15	T	Acrylonitrile	0.116	0.122	-5.2	75	0.00
16	T	Acetone	0.105	0.101	3.8	79	0.00
17	T	Carbon Disulfide	1.635	1.531	6.4	68	0.00
18	T	Methyl Acetate	0.349	0.360	-3.2	76	-0.01
19	T	Methyl tert-butyl Ether	1.378	1.393	-1.1	72	-0.01
20	T	Methylene Chloride	0.666	0.805	-20.9	102	0.00
21	T	trans-1,2-Dichloroethene	0.578	0.577	0.2	73	0.00
22	T	Diisopropyl ether	1.729	1.830	-5.8	76	0.00
23	T	Vinyl Acetate	0.955	0.981	-2.7	72	0.00
24	P	1,1-Dichloroethane	1.044	1.092	-4.6	76	0.00
25	T	2-Butanone	0.154	0.155	-0.6	75	0.00
26	T	2,2-Dichloropropane	0.875	0.841	3.9	71	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.695	-3.4	76	0.00
28	T	Bromochloromethane	0.439	0.469	-6.8	76	0.00
29	T	Tetrahydrofuran	0.097	0.101	-4.1	74	0.00
30	C	Chloroform	1.076	1.121	-4.2#	76	0.00
31	T	Cyclohexane	0.959	0.917	4.4	72	0.00
32	T	1,1,1-Trichloroethane	0.929	0.961	-3.4	75	0.00
33	S	1,2-Dichloroethane-d4	0.558	0.566	-1.4	76	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35	S	Dibromofluoromethane	0.304	0.309	-1.6	77	0.00
36	T	1,1-Dichloropropene	0.461	0.469	-1.7	75	0.00
37	T	Ethyl Acetate	0.199	0.204	-2.5	75	0.00
38	T	Carbon Tetrachloride	0.486	0.486	0.0	74	0.00
39	T	Methylcyclohexane	0.596	0.594	0.3	72	0.00
40	TM	Benzene	1.417	1.473	-4.0	76	0.00
41	T	Methacrylonitrile	0.122	0.121	0.8	76	-0.01
42	TM	1,2-Dichloroethane	0.388	0.399	-2.8	75	0.00
43	T	Isopropyl Acetate	0.413	0.424	-2.7	73	0.00
44	TM	Trichloroethene	0.356	0.360	-1.1	73	0.00
45	C	1,2-Dichloropropane	0.332	0.350	-5.4#	78	0.00
46	T	Dibromomethane	0.188	0.192	-2.1	76	0.00
47	T	Bromodichloromethane	0.485	0.515	-6.2	78	0.00
48	T	Methyl methacrylate	0.199	0.209	-5.0	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	67	-0.01
50	S	Toluene-d8	1.207	1.225	-1.5	76	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.226	-7.6	75	0.00
52	CM	Toluene	0.894	0.932	-4.3#	76	0.00
53	T	t-1,3-Dichloropropene	0.437	0.452	-3.4	75	0.00
54	T	cis-1,3-Dichloropropene	0.506	0.527	-4.2	76	0.00
55	T	1,1,2-Trichloroethane	0.244	0.254	-4.1	76	0.00
56	T	Ethyl methacrylate	0.328	0.345	-5.2	73	0.00
57	T	1,3-Dichloropropane	0.425	0.439	-3.3	75	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.173	-19.3	77	0.00
59	T	2-Hexanone	0.143	0.150	-4.9	74	0.00
60	T	Dibromochloromethane	0.315	0.333	-5.7	76	0.00
61	T	1,2-Dibromoethane	0.228	0.233	-2.2	74	0.00
62	S	4-Bromofluorobenzene	0.388	0.400	-3.1	78	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64	T	Tetrachloroethene	0.472	0.448	5.1	67	0.00
65	PM	Chlorobenzene	1.099	1.111	-1.1	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.378	-1.6	75	0.00
67	C	Ethyl Benzene	1.930	2.002	-3.7#	76	0.00
68	T	m/p-Xylenes	0.746	0.775	-3.9	76	0.00
69	T	o-Xylene	0.703	0.727	-3.4	76	0.00
70	T	Styrene	1.178	1.241	-5.3	76	0.00
71	P	Bromoform	0.207	0.210	-1.4	76	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73	T	Isopropylbenzene	3.698	3.618	2.2	76	0.00
74	T	N-amyl acetate	0.830	0.817	1.6	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.596	0.598	-0.3	84	0.00
76	T	1,2,3-Trichloropropane	0.510	0.499	2.2	78	0.00
77	T	Bromobenzene	0.838	0.799	4.7	75	0.00
78	T	n-propylbenzene	4.465	4.447	0.4	78	0.00
79	T	2-Chlorotoluene	2.522	2.491	1.2	77	0.00
80	T	1,3,5-Trimethylbenzene	2.985	3.011	-0.9	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.202	0.188	6.9	76	0.00
82	T	4-Chlorotoluene	2.650	2.591	2.2	77	0.00
83	T	tert-Butylbenzene	2.633	2.644	-0.4	78	0.00
84	T	1,2,4-Trimethylbenzene	2.989	3.013	-0.8	78	0.00
85	T	sec-Butylbenzene	3.961	4.022	-1.5	78	0.00
86	T	p-Isopropyltoluene	3.296	3.337	-1.2	78	0.00
87	T	1,3-Dichlorobenzene	1.683	1.640	2.6	77	0.00
88	T	1,4-Dichlorobenzene	1.672	1.616	3.3	77	0.00
89	T	n-Butylbenzene	3.101	3.085	0.5	77	0.00
90	T	Hexachloroethane	0.657	0.645	1.8	76	0.00
91	T	1,2-Dichlorobenzene	1.483	1.425	3.9	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.094	6.9	73	0.00
93	T	1,2,4-Trichlorobenzene	0.838	0.755	9.9	71	0.00
94	T	Hexachlorobutadiene	0.474	0.439	7.4	75	0.00
95	T	Naphthalene	1.515	1.390	8.3	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.644	11.0	71	0.00

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