Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023111.D
Acq On : 15 Aug 2025 08:39
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: Aug 18 02:22:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	82	0.00
2	T	Dichlorodifluoromethane	0.408	0.332	18.6	78	0.00
3	P	Chloromethane	0.661	0.651	1.5	88	0.00
4	C	Vinyl Chloride	0.817	0.876	-7.2#	94	0.00
5	T	Bromomethane	0.610	0.659	-8.0	100	0.00
6	T	Chloroethane	0.543	0.599	-10.3	96	0.00
7	T	Trichlorofluoromethane	0.994	0.982	1.2	86	0.00
8	T	Diethyl Ether	0.263	0.246	6.5	81	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.484	1.2	86	0.00
10	T	Methyl Iodide	0.529	0.566	-7.0	85	0.00
11	T	Tert butyl alcohol	0.033	0.027	18.2	69	0.00
12	CM	1,1-Dichloroethene	0.482	0.471	2.3#	84	0.01
13	T	Acrolein	0.048	0.030	37.5#	55	0.00
14	T	Allyl chloride	0.709	0.689	2.8	83	0.00
15	T	Acrylonitrile	0.107	0.102	4.7	79	0.01
16	T	Acetone	0.103	0.116	-12.6	92	0.00
17	T	Carbon Disulfide	1.571	1.520	3.2	84	0.00
18	T	Methyl Acetate	0.307	0.297	3.3	76	0.00
19	T	Methyl tert-butyl Ether	1.249	1.209	3.2	80	0.00
20	T	Methylene Chloride	0.620	0.543	12.4	88	0.00
21	T	trans-1,2-Dichloroethene	0.541	0.549	-1.5	86	0.00
22	T	Diisopropyl ether	1.541	1.570	-1.9	85	0.00
23	T	Vinyl Acetate	0.852	0.838	1.6	82	0.00
24	P	1,1-Dichloroethane	0.942	0.968	-2.8	87	0.00
25	T	2-Butanone	0.140	0.143	-2.1	83	0.00
26	T	2,2-Dichloropropane	0.813	0.854	-5.0	89	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.643	-2.7	87	0.00
28	T	Bromochloromethane	0.374	0.395	-5.6	89	0.00
29	T	Tetrahydrofuran	0.087	0.083	4.6	78	0.00
30	C	Chloroform	0.971	1.017	-4.7#	89	0.00
31	T	Cyclohexane	0.888	0.845	4.8	85	0.00
32	T	1,1,1-Trichloroethane	0.862	0.888	-3.0	87	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.480	-0.6	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.299	0.309	-3.3	86	0.00
36	T	1,1-Dichloropropene	0.445	0.456	-2.5	86	0.00
37	T	Ethyl Acetate	0.187	0.180	3.7	78	0.00
38	T	Carbon Tetrachloride	0.483	0.506	-4.8	88	0.00
39	T	Methylcyclohexane	0.586	0.583	0.5	84	0.00
40	TM	Benzene	1.370	1.455	-6.2	89	0.00
41	T	Methacrylonitrile	0.108	0.112	-3.7	83	0.00
42	TM	1,2-Dichloroethane	0.356	0.372	-4.5	87	0.00
43	T	Isopropyl Acetate	0.378	0.360	4.8	78	0.00
44	TM	Trichloroethene	0.354	0.366	-3.4	87	0.00
45	C	1,2-Dichloropropane	0.315	0.335	-6.3#	88	0.00
46	T	Dibromomethane	0.181	0.189	-4.4	86	0.00
47	T	Bromodichloromethane	0.466	0.496	-6.4	88	0.00
48	T	Methyl methacrylate	0.181	0.175	3.3	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	77	0.00
50	S	Toluene-d8	1.169	1.206	-3.2	86	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.194	0.5	79	0.00
52	CM	Toluene	0.870	0.928	-6.7#	88	0.00
53	T	t-1,3-Dichloropropene	0.422	0.434	-2.8	84	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.523	-4.8	86	0.00
55	T	1,1,2-Trichloroethane	0.242	0.252	-4.1	86	0.00
56	T	Ethyl methacrylate	0.310	0.307	1.0	78	0.00
57	T	1,3-Dichloropropane	0.411	0.422	-2.7	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.153	-4.8	80	0.00
59	T	2-Hexanone	0.133	0.135	-1.5	81	0.00
60	T	Dibromochloromethane	0.320	0.332	-3.8	85	0.00
61	T	1,2-Dibromoethane	0.228	0.230	-0.9	83	0.00
62	S	4-Bromofluorobenzene	0.376	0.376	0.0	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.446	0.469	-5.2	87	0.00
65	PM	Chlorobenzene	1.079	1.142	-5.8	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.394	-7.7	88	0.00
67	C	Ethyl Benzene	1.856	2.009	-8.2#	87	0.00
68	T	m/p-Xylenes	0.725	0.785	-8.3	88	0.00
69	T	o-Xylene	0.679	0.736	-8.4	87	0.00
70	T	Styrene	1.110	1.238	-11.5	89	0.00
71	P	Bromoform	0.214	0.212	0.9	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.529	3.734	-5.8	87	0.00
74	T	N-amyl acetate	0.748	0.737	1.5	78	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.595	1.3	83	0.00
76	T	1,2,3-Trichloropropane	0.483	0.494	-2.3	75	0.00
77	T	Bromobenzene	0.842	0.856	-1.7	84	0.00
78	T	n-propylbenzene	4.201	4.549	-8.3	88	0.00
79	T	2-Chlorotoluene	2.407	2.551	-6.0	87	0.00
80	T	1,3,5-Trimethylbenzene	2.852	3.075	-7.8	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.195	2.0	80	0.00
82	T	4-Chlorotoluene	2.497	2.628	-5.2	87	0.00
83	T	tert-Butylbenzene	2.576	2.688	-4.3	84	0.00
84	T	1,2,4-Trimethylbenzene	2.839	3.082	-8.6	88	0.00
85	T	sec-Butylbenzene	3.784	4.022	-6.3	87	0.00
86	T	p-Isopropyltoluene	3.141	3.413	-8.7	88	0.00
87	T	1,3-Dichlorobenzene	1.660	1.748	-5.3	88	0.00
88	T	1,4-Dichlorobenzene	1.647	1.696	-3.0	86	0.00
89	T	n-Butylbenzene	2.885	3.112	-7.9	87	0.00
90	T	Hexachloroethane	0.643	0.682	-6.1	88	0.00
91	T	1,2-Dichlorobenzene	1.456	1.499	-3.0	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.090	4.3	77	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.793	7.9	76	0.00
94	T	Hexachlorobutadiene	0.506	0.471	6.9	78	0.00
95	T	Naphthalene	1.468	1.331	9.3	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.679	8.5	77	0.00

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