Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
Data File : VY023470.D
Acq On : 15 Oct 2025 10:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 16 02:41:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	83	0.00
2	T	Dichlorodifluoromethane	0.360	0.307	14.7	80	0.00
3	P	Chloromethane	0.490	0.435	11.2	81	0.00
4	C	Vinyl Chloride	0.639	0.580	9.2#	81	0.00
5	T	Bromomethane	0.536	0.493	8.0	88	0.00
6	T	Chloroethane	0.435	0.425	2.3	86	0.00
7	T	Trichlorofluoromethane	0.887	0.842	5.1	83	0.00
8	T	Diethyl Ether	0.232	0.219	5.6	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.457	0.7	87	0.00
10	T	Methyl Iodide	0.512	0.544	-6.3	84	0.00
11	T	Tert butyl alcohol	0.031	0.029	6.5	96	0.00
12	CM	1,1-Dichloroethene	0.446	0.432	3.1#	84	0.00
13	T	Acrolein	0.044	0.023	47.7#	45#	0.00
14	T	Allyl chloride	0.544	0.515	5.3	82	0.01
15	T	Acrylonitrile	0.089	0.088	1.1	90	0.00
16	T	Acetone	0.100	0.094	6.0	93	0.00
17	T	Carbon Disulfide	1.277	1.223	4.2	83	0.00
18	T	Methyl Acetate	0.261	0.281	-7.7	95	0.00
19	T	Methyl tert-butyl Ether	1.072	1.044	2.6	85	0.00
20	T	Methylene Chloride	0.538	0.487	9.5	89	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.498	-1.4	88	0.01
22	T	Diisopropyl ether	1.202	1.195	0.6	86	0.00
23	T	Vinyl Acetate	0.651	0.623	4.3	83	0.00
24	P	1,1-Dichloroethane	0.796	0.795	0.1	87	0.00
25	T	2-Butanone	0.122	0.113	7.4	90	0.00
26	T	2,2-Dichloropropane	0.731	0.725	0.8	86	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.575	-1.4	88	0.00
28	T	Bromochloromethane	0.297	0.285	4.0	89	0.00
29	T	Tetrahydrofuran	0.069	0.065	5.8	85	0.00
30	C	Chloroform	0.875	0.909	-3.9#	91	0.00
31	T	Cyclohexane	0.696	0.625	10.2	81	0.00
32	T	1,1,1-Trichloroethane	0.795	0.809	-1.8	88	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.400	4.3	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.307	0.320	-4.2	86	0.00
36	T	1,1-Dichloropropene	0.407	0.433	-6.4	88	0.00
37	T	Ethyl Acetate	0.161	0.162	-0.6	87	0.00
38	T	Carbon Tetrachloride	0.493	0.533	-8.1	89	0.00
39	T	Methylcyclohexane	0.530	0.542	-2.3	83	0.00
40	TM	Benzene	1.288	1.375	-6.8	88	0.00
41	T	Methacrylonitrile	0.087	0.085	2.3	86	0.00
42	TM	1,2-Dichloroethane	0.332	0.348	-4.8	89	0.00
43	T	Isopropyl Acetate	0.321	0.320	0.3	85	0.00
44	TM	Trichloroethene	0.377	0.396	-5.0	87	0.00
45	C	1,2-Dichloropropane	0.285	0.309	-8.4#	91	0.00
46	T	Dibromomethane	0.180	0.197	-9.4	92	0.00
47	T	Bromodichloromethane	0.453	0.493	-8.8	90	0.00
48	T	Methyl methacrylate	0.151	0.159	-5.3	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50	S	Toluene-d8	1.144	1.170	-2.3	83	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.176	-6.0	89	0.00
52	CM	Toluene	0.836	0.915	-9.4#	89	0.00
53	T	t-1,3-Dichloropropene	0.394	0.417	-5.8	87	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.493	-6.0	87	0.00
55	T	1,1,2-Trichloroethane	0.242	0.265	-9.5	92	0.00
56	T	Ethyl methacrylate	0.279	0.301	-7.9	87	0.00
57	T	1,3-Dichloropropane	0.383	0.418	-9.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.144	-15.2	90	0.00
59	T	2-Hexanone	0.119	0.122	-2.5	88	0.00
60	T	Dibromochloromethane	0.339	0.375	-10.6	92	0.00
61	T	1,2-Dibromoethane	0.231	0.252	-9.1	91	0.00
62	S	4-Bromofluorobenzene	0.378	0.381	-0.8	84	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.516	0.561	-8.7	90	0.00
65	PM	Chlorobenzene	1.087	1.132	-4.1	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.413	-6.4	93	0.00
67	C	Ethyl Benzene	1.760	1.870	-6.3#	88	0.00
68	T	m/p-Xylenes	0.706	0.764	-8.2	89	0.00
69	T	o-Xylene	0.662	0.710	-7.3	89	0.00
70	T	Styrene	1.089	1.207	-10.8	91	0.00
71	P	Bromoform	0.240	0.258	-7.5	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.295	3.411	-3.5	88	0.00
74	T	N-amyl acetate	0.592	0.548	7.4	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.546	-1.3	94	0.00
76	T	1,2,3-Trichloropropane	0.441	0.424	3.9	84	0.00
77	T	Bromobenzene	0.876	0.874	0.2	89	0.00
78	T	n-propylbenzene	3.813	4.042	-6.0	90	0.00
79	T	2-Chlorotoluene	2.233	2.292	-2.6	89	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.818	-5.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.179	0.6	91	0.00
82	T	4-Chlorotoluene	2.300	2.412	-4.9	91	0.00
83	T	tert-Butylbenzene	2.458	2.543	-3.5	87	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.817	-6.0	90	0.00
85	T	sec-Butylbenzene	3.527	3.701	-4.9	89	0.00
86	T	p-Isopropyltoluene	3.003	3.177	-5.8	89	0.00
87	T	1,3-Dichlorobenzene	1.706	1.742	-2.1	90	0.00
88	T	1,4-Dichlorobenzene	1.685	1.684	0.1	89	0.00
89	T	n-Butylbenzene	2.616	2.730	-4.4	88	0.00
90	T	Hexachloroethane	0.646	0.670	-3.7	92	0.00
91	T	1,2-Dichlorobenzene	1.496	1.523	-1.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.087	1.1	90	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.885	5.0	83	0.00
94	T	Hexachlorobutadiene	0.581	0.575	1.0	86	0.00
95	T	Naphthalene	1.485	1.387	6.6	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.767	5.1	83	0.00

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