Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022180.D
Acq On : 06 May 2025 14:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:35:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	67	0.00
2	T	Dichlorodifluoromethane	0.426	0.328	23.0	56	0.00
3	P	Chloromethane	0.607	0.550	9.4	61	0.01
4	C	Vinyl Chloride	0.745	0.734	1.5#	68	0.01
5	T	Bromomethane	0.642	0.584	9.0	66	0.00
6	T	Chloroethane	0.508	0.516	-1.6	70	0.00
7	T	Trichlorofluoromethane	0.983	0.920	6.4	65	0.00
8	T	Diethyl Ether	0.256	0.213	16.8	58	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.501	6.0	69	0.00
10	T	Methyl Iodide	0.617	0.565	8.4	61	0.00
11	T	Tert butyl alcohol	0.025	0.022	12.0	57	-0.02
12	CM	1,1-Dichloroethene	0.497	0.450	9.5#	64	0.00
13	T	Acrolein	0.046	0.017	63.0#	28#	0.00
14	T	Allyl chloride	0.579	0.577	0.3	70	0.01
15	T	Acrylonitrile	0.094	0.088	6.4	63	0.01
16	T	Acetone	0.070	0.060	14.3	64	0.00
17	T	Carbon Disulfide	1.585	1.401	11.6	63	0.01
18	T	Methyl Acetate	0.216	0.232	-7.4	70	0.00
19	T	Methyl tert-butyl Ether	1.113	1.048	5.8	62	0.00
20	T	Methylene Chloride	0.584	0.525	10.1	66	0.01
21	T	trans-1,2-Dichloroethene	0.557	0.515	7.5	65	0.01
22	T	Diisopropyl ether	1.288	1.348	-4.7	70	0.00
23	T	Vinyl Acetate	0.694	0.686	1.2	65	0.00
24	P	1,1-Dichloroethane	0.893	0.871	2.5	69	0.00
25	T	2-Butanone	0.105	0.100	4.8	64	0.00
26	T	2,2-Dichloropropane	0.782	0.810	-3.6	73	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.606	2.6	67	0.00
28	T	Bromochloromethane	0.347	0.363	-4.6	71	0.00
29	T	Tetrahydrofuran	0.068	0.068	0.0	63	0.00
30	C	Chloroform	0.990	0.987	0.3#	70	0.00
31	T	Cyclohexane	0.763	0.752	1.4	72	0.00
32	T	1,1,1-Trichloroethane	0.896	0.882	1.6	70	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.179	61.3#	26#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35	S	Dibromofluoromethane	0.330	0.129	60.9#	26#	0.00
36	T	1,1-Dichloropropene	0.444	0.466	-5.0	72	0.00
37	T	Ethyl Acetate	0.159	0.157	1.3	64	0.00
38	T	Carbon Tetrachloride	0.530	0.543	-2.5	70	0.00
39	T	Methylcyclohexane	0.558	0.586	-5.0	70	0.00
40	TM	Benzene	1.387	1.421	-2.5	70	0.00
41	T	Methacrylonitrile	0.087	0.084	3.4	60	0.00
42	TM	1,2-Dichloroethane	0.343	0.351	-2.3	69	0.00
43	T	Isopropyl Acetate	0.306	0.304	0.7	64	0.00
44	TM	Trichloroethene	0.384	0.385	-0.3	69	0.01
45	C	1,2-Dichloropropane	0.307	0.324	-5.5#	71	0.00
46	T	Dibromomethane	0.192	0.197	-2.6	69	0.00
47	T	Bromodichloromethane	0.480	0.504	-5.0	70	0.00
48	T	Methyl methacrylate	0.141	0.149	-5.7	65	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	63	0.00
50	S	Toluene-d8	1.245	0.511	59.0#	26#	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.171	-6.9	65	0.00
52	CM	Toluene	0.898	0.943	-5.0#	69	0.00
53	T	t-1,3-Dichloropropene	0.411	0.427	-3.9	67	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.508	-3.9	69	0.00
55	T	1,1,2-Trichloroethane	0.256	0.263	-2.7	67	0.00
56	T	Ethyl methacrylate	0.293	0.301	-2.7	62	0.00
57	T	1,3-Dichloropropane	0.411	0.427	-3.9	68	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.150	-4.9	61	0.00
59	T	2-Hexanone	0.106	0.113	-6.6	64	0.00
60	T	Dibromochloromethane	0.355	0.364	-2.5	68	0.00
61	T	1,2-Dibromoethane	0.242	0.242	0.0	66	0.00
62	S	4-Bromofluorobenzene	0.419	0.178	57.5#	27#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
64	T	Tetrachloroethene	0.472	0.468	0.8	68	0.00
65	PM	Chlorobenzene	1.118	1.135	-1.5	69	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.399	-1.3	68	0.00
67	C	Ethyl Benzene	1.829	1.956	-6.9#	70	0.00
68	T	m/p-Xylenes	0.728	0.787	-8.1	71	0.00
69	T	o-Xylene	0.671	0.719	-7.2	69	0.00
70	T	Styrene	1.126	1.235	-9.7	69	0.00
71	P	Bromoform	0.229	0.227	0.9	65	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
73	T	Isopropylbenzene	3.341	3.286	1.6	71	0.00
74	T	N-amyl acetate	0.574	0.544	5.2	66	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.518	8.0	68	0.00
76	T	1,2,3-Trichloropropane	0.428	0.422	1.4	75	0.00
77	T	Bromobenzene	0.844	0.768	9.0	67	0.00
78	T	n-propylbenzene	3.978	3.999	-0.5	72	0.00
79	T	2-Chlorotoluene	2.314	2.260	2.3	71	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.750	0.1	71	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.162	9.0	66	0.00
82	T	4-Chlorotoluene	2.405	2.380	1.0	72	0.00
83	T	tert-Butylbenzene	2.468	2.443	1.0	70	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.794	-1.5	72	0.00
85	T	sec-Butylbenzene	3.612	3.713	-2.8	74	0.00
86	T	p-Isopropyltoluene	3.067	3.143	-2.5	73	0.00
87	T	1,3-Dichlorobenzene	1.714	1.631	4.8	71	0.00
88	T	1,4-Dichlorobenzene	1.698	1.614	4.9	72	0.00
89	T	n-Butylbenzene	2.742	2.840	-3.6	74	0.00
90	T	Hexachloroethane	0.674	0.648	3.9	73	0.00
91	T	1,2-Dichlorobenzene	1.495	1.403	6.2	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.081	10.0	69	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.777	8.3	68	0.00
94	T	Hexachlorobutadiene	0.521	0.479	8.1	72	0.00
95	T	Naphthalene	1.408	1.255	10.9	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.665	9.0	68	0.00

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