Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
Data File : VY022451.D
Acq On : 28 May 2025 15:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 29 01:58:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 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	0.477	0.430	9.9	84	0.00
3	P	Chloromethane	1.173	1.061	9.5	74	0.00
4	C	Vinyl Chloride	1.425	1.456	-2.2#	83	0.00
5	T	Bromomethane	1.295	1.202	7.2	78	0.00
6	T	Chloroethane	0.931	1.027	-10.3	84	0.00
7	T	Trichlorofluoromethane	1.203	1.220	-1.4	85	0.00
8	T	Diethyl Ether	0.277	0.284	-2.5	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.528	0.517	2.1	82	0.00
10	T	Methyl Iodide	0.595	0.660	-10.9	85	0.00
11	T	Tert butyl alcohol	0.037	0.038	-2.7	88	-0.01
12	CM	1,1-Dichloroethene	0.524	0.521	0.6#	85	0.00
13	T	Acrolein	0.056	0.050	10.7	74	0.00
14	T	Allyl chloride	0.788	0.826	-4.8	87	0.00
15	T	Acrylonitrile	0.112	0.117	-4.5	87	0.00
16	T	Acetone	0.087	0.089	-2.3	88	0.00
17	T	Carbon Disulfide	1.672	1.644	1.7	83	0.00
18	T	Methyl Acetate	0.324	0.395	-21.9	106	0.00
19	T	Methyl tert-butyl Ether	1.391	1.463	-5.2	88	0.00
20	T	Methylene Chloride	0.611	0.588	3.8	89	0.00
21	T	trans-1,2-Dichloroethene	0.572	0.578	-1.0	86	0.01
22	T	Diisopropyl ether	1.739	1.805	-3.8	87	0.00
23	T	Vinyl Acetate	0.999	1.000	-0.1	83	0.00
24	P	1,1-Dichloroethane	1.028	1.088	-5.8	88	0.00
25	T	2-Butanone	0.144	0.150	-4.2	88	0.00
26	T	2,2-Dichloropropane	0.931	0.940	-1.0	85	0.00
27	T	cis-1,2-Dichloroethene	0.662	0.691	-4.4	88	0.00
28	T	Bromochloromethane	0.429	0.461	-7.5	87	0.00
29	T	Tetrahydrofuran	0.096	0.099	-3.1	87	0.00
30	C	Chloroform	1.013	1.087	-7.3#	88	0.00
31	T	Cyclohexane	1.013	0.964	4.8	85	0.00
32	T	1,1,1-Trichloroethane	0.919	0.956	-4.0	87	0.00
33	S	1,2-Dichloroethane-d4	0.527	0.555	-5.3	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.293	0.292	0.3	88	0.00
36	T	1,1-Dichloropropene	0.465	0.454	2.4	86	0.00
37	T	Ethyl Acetate	0.197	0.190	3.6	83	0.00
38	T	Carbon Tetrachloride	0.484	0.468	3.3	85	0.00
39	T	Methylcyclohexane	0.618	0.576	6.8	82	0.00
40	TM	Benzene	1.383	1.394	-0.8	87	0.00
41	T	Methacrylonitrile	0.120	0.122	-1.7	91	-0.02
42	TM	1,2-Dichloroethane	0.365	0.373	-2.2	88	0.00
43	T	Isopropyl Acetate	0.432	0.416	3.7	83	0.00
44	TM	Trichloroethene	0.342	0.334	2.3	85	0.00
45	C	1,2-Dichloropropane	0.325	0.329	-1.2#	89	0.00
46	T	Dibromomethane	0.181	0.182	-0.6	87	0.00
47	T	Bromodichloromethane	0.467	0.469	-0.4	88	0.00
48	T	Methyl methacrylate	0.200	0.212	-6.0	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50	S	Toluene-d8	1.194	1.178	1.3	87	0.00
51	T	4-Methyl-2-Pentanone	0.213	0.219	-2.8	87	0.00
52	CM	Toluene	0.864	0.869	-0.6#	87	0.00
53	T	t-1,3-Dichloropropene	0.435	0.439	-0.9	88	0.00
54	T	cis-1,3-Dichloropropene	0.511	0.511	0.0	88	0.00
55	T	1,1,2-Trichloroethane	0.229	0.229	0.0	87	0.00
56	T	Ethyl methacrylate	0.329	0.325	1.2	83	0.00
57	T	1,3-Dichloropropane	0.404	0.412	-2.0	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.164	0.168	-2.4	87	0.00
59	T	2-Hexanone	0.140	0.145	-3.6	87	0.00
60	T	Dibromochloromethane	0.293	0.301	-2.7	87	0.00
61	T	1,2-Dibromoethane	0.210	0.217	-3.3	88	0.00
62	S	4-Bromofluorobenzene	0.361	0.353	2.2	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.426	0.411	3.5	84	0.00
65	PM	Chlorobenzene	1.066	1.068	-0.2	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.361	0.364	-0.8	86	0.00
67	C	Ethyl Benzene	1.980	1.946	1.7#	86	0.00
68	T	m/p-Xylenes	0.751	0.744	0.9	86	0.00
69	T	o-Xylene	0.705	0.703	0.3	87	0.00
70	T	Styrene	1.175	1.195	-1.7	87	0.00
71	P	Bromoform	0.189	0.186	1.6	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.935	3.788	3.7	86	0.00
74	T	N-amyl acetate	0.963	0.921	4.4	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.620	0.622	-0.3	89	0.00
76	T	1,2,3-Trichloropropane	0.501	0.485	3.2	87	0.00
77	T	Bromobenzene	0.847	0.817	3.5	85	0.00
78	T	n-propylbenzene	4.723	4.591	2.8	86	0.00
79	T	2-Chlorotoluene	2.556	2.489	2.6	87	0.00
80	T	1,3,5-Trimethylbenzene	3.075	3.003	2.3	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.221	0.210	5.0	86	0.00
82	T	4-Chlorotoluene	2.633	2.559	2.8	86	0.00
83	T	tert-Butylbenzene	2.778	2.680	3.5	86	0.00
84	T	1,2,4-Trimethylbenzene	3.094	3.050	1.4	86	0.00
85	T	sec-Butylbenzene	4.120	4.032	2.1	86	0.00
86	T	p-Isopropyltoluene	3.440	3.345	2.8	85	0.00
87	T	1,3-Dichlorobenzene	1.704	1.651	3.1	86	0.00
88	T	1,4-Dichlorobenzene	1.629	1.586	2.6	85	0.00
89	T	n-Butylbenzene	3.226	3.149	2.4	83	0.00
90	T	Hexachloroethane	0.685	0.657	4.1	84	0.00
91	T	1,2-Dichlorobenzene	1.423	1.375	3.4	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.096	0.094	2.1	88	0.00
93	T	1,2,4-Trichlorobenzene	0.789	0.779	1.3	83	0.00
94	T	Hexachlorobutadiene	0.414	0.401	3.1	83	0.00
95	T	Naphthalene	1.459	1.491	-2.2	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.647	0.655	-1.2	84	0.00

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