Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022538.D
Acq On : 04 Jun 2025 09:54
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: Jun 05 04:08:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	89	0.00
2	T	Dichlorodifluoromethane	0.448	0.401	10.5	87	0.00
3	P	Chloromethane	1.322	1.094	17.2	79	0.00
4	C	Vinyl Chloride	1.534	1.535	-0.1#	91	0.00
5	T	Bromomethane	1.470	1.232	16.2	88	0.00
6	T	Chloroethane	1.053	1.084	-2.9	100	0.00
7	T	Trichlorofluoromethane	1.302	1.341	-3.0	98	0.00
8	T	Diethyl Ether	0.293	0.281	4.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.534	2.7	88	0.00
10	T	Methyl Iodide	0.594	0.593	0.2	82	0.00
11	T	Tert butyl alcohol	0.040	0.036	10.0	82	-0.02
12	CM	1,1-Dichloroethene	0.524	0.523	0.2#	90	-0.01
13	T	Acrolein	0.050	0.042	16.0	79	0.00
14	T	Allyl chloride	0.823	0.818	0.6	90	0.00
15	T	Acrylonitrile	0.124	0.117	5.6	83	0.00
16	T	Acetone	0.114	0.125	-9.6	96	0.00
17	T	Carbon Disulfide	1.679	1.625	3.2	87	0.00
18	T	Methyl Acetate	0.336	0.345	-2.7	92	-0.01
19	T	Methyl tert-butyl Ether	1.477	1.427	3.4	86	0.00
20	T	Methylene Chloride	0.645	0.567	12.1	88	0.00
21	T	trans-1,2-Dichloroethene	0.587	0.588	-0.2	92	0.00
22	T	Diisopropyl ether	1.832	1.806	1.4	88	0.00
23	T	Vinyl Acetate	1.084	1.024	5.5	84	0.00
24	P	1,1-Dichloroethane	1.079	1.106	-2.5	93	0.00
25	T	2-Butanone	0.164	0.164	0.0	87	-0.01
26	T	2,2-Dichloropropane	0.954	0.976	-2.3	92	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.692	-2.1	90	0.00
28	T	Bromochloromethane	0.471	0.467	0.8	92	0.00
29	T	Tetrahydrofuran	0.106	0.097	8.5	83	0.00
30	C	Chloroform	1.069	1.094	-2.3#	92	0.00
31	T	Cyclohexane	1.075	0.988	8.1	87	0.00
32	T	1,1,1-Trichloroethane	0.949	0.960	-1.2	90	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.563	-0.7	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.298	0.309	-3.7	87	0.00
36	T	1,1-Dichloropropene	0.484	0.483	0.2	89	0.00
37	T	Ethyl Acetate	0.216	0.204	5.6	80	0.00
38	T	Carbon Tetrachloride	0.497	0.494	0.6	88	0.00
39	T	Methylcyclohexane	0.651	0.621	4.6	85	0.00
40	TM	Benzene	1.431	1.453	-1.5	91	0.00
41	T	Methacrylonitrile	0.126	0.118	6.3	85	0.00
42	TM	1,2-Dichloroethane	0.391	0.386	1.3	89	0.00
43	T	Isopropyl Acetate	0.467	0.440	5.8	83	0.00
44	TM	Trichloroethene	0.350	0.358	-2.3	91	0.00
45	C	1,2-Dichloropropane	0.338	0.339	-0.3#	89	0.00
46	T	Dibromomethane	0.190	0.183	3.7	86	0.00
47	T	Bromodichloromethane	0.482	0.487	-1.0	89	0.00
48	T	Methyl methacrylate	0.219	0.209	4.6	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50	S	Toluene-d8	1.206	1.268	-5.1	89	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.221	5.2	82	0.00
52	CM	Toluene	0.899	0.907	-0.9#	91	0.00
53	T	t-1,3-Dichloropropene	0.452	0.445	1.5	87	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.527	-0.2	88	0.00
55	T	1,1,2-Trichloroethane	0.243	0.235	3.3	88	0.00
56	T	Ethyl methacrylate	0.351	0.335	4.6	83	0.00
57	T	1,3-Dichloropropane	0.430	0.418	2.8	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.167	-5.0	95	0.00
59	T	2-Hexanone	0.156	0.154	1.3	86	0.00
60	T	Dibromochloromethane	0.308	0.299	2.9	86	0.00
61	T	1,2-Dibromoethane	0.221	0.214	3.2	87	0.00
62	S	4-Bromofluorobenzene	0.359	0.368	-2.5	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.430	0.438	-1.9	90	0.00
65	PM	Chlorobenzene	1.106	1.123	-1.5	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.378	-1.3	89	0.00
67	C	Ethyl Benzene	2.052	2.102	-2.4#	90	0.00
68	T	m/p-Xylenes	0.778	0.788	-1.3	90	0.00
69	T	o-Xylene	0.729	0.739	-1.4	90	0.00
70	T	Styrene	1.206	1.238	-2.7	90	0.00
71	P	Bromoform	0.198	0.190	4.0	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	4.105	4.139	-0.8	90	0.00
74	T	N-amyl acetate	1.036	0.982	5.2	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.637	5.5	84	0.00
76	T	1,2,3-Trichloropropane	0.572	0.601	-5.1	86	0.00
77	T	Bromobenzene	0.866	0.841	2.9	87	0.00
78	T	n-propylbenzene	5.014	5.062	-1.0	90	0.00
79	T	2-Chlorotoluene	2.657	2.656	0.0	90	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.240	-0.5	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.223	5.9	86	0.00
82	T	4-Chlorotoluene	2.741	2.753	-0.4	89	0.00
83	T	tert-Butylbenzene	2.893	2.916	-0.8	91	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.257	-1.1	91	0.00
85	T	sec-Butylbenzene	4.430	4.481	-1.2	91	0.00
86	T	p-Isopropyltoluene	3.652	3.716	-1.8	92	0.00
87	T	1,3-Dichlorobenzene	1.755	1.760	-0.3	92	0.00
88	T	1,4-Dichlorobenzene	1.702	1.707	-0.3	91	0.00
89	T	n-Butylbenzene	3.464	3.587	-3.6	92	0.00
90	T	Hexachloroethane	0.711	0.721	-1.4	91	0.00
91	T	1,2-Dichlorobenzene	1.490	1.481	0.6	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.092	6.1	79	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.814	-0.1	90	0.00
94	T	Hexachlorobutadiene	0.449	0.446	0.7	90	0.00
95	T	Naphthalene	1.560	1.502	3.7	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.680	2.4	88	0.00

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