Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
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: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	0.448	0.384	14.3	77	0.00
3	P	Chloromethane	1.322	1.072	18.9	72	0.00
4	C	Vinyl Chloride	1.534	1.698	-10.7#	94	0.00
5	T	Bromomethane	1.470	1.259	14.4	84	-0.01
6	T	Chloroethane	1.053	1.192	-13.2	103	-0.01
7	T	Trichlorofluoromethane	1.302	1.495	-14.8	102	-0.01
8	T	Diethyl Ether	0.293	0.263	10.2	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.521	5.1	81	-0.01
10	T	Methyl Iodide	0.594	0.606	-2.0	78	0.00
11	T	Tert butyl alcohol	0.040	0.036	10.0	77	-0.03
12	CM	1,1-Dichloroethene	0.524	0.523	0.2#	84	-0.02
13	T	Acrolein	0.050	0.020	60.0#	34#	-0.02
14	T	Allyl chloride	0.823	0.726	11.8	75	-0.01
15	T	Acrylonitrile	0.124	0.109	12.1	72	-0.01
16	T	Acetone	0.114	0.101	11.4	73	-0.02
17	T	Carbon Disulfide	1.679	1.519	9.5	76	-0.01
18	T	Methyl Acetate	0.336	0.304	9.5	76	-0.02
19	T	Methyl tert-butyl Ether	1.477	1.369	7.3	77	-0.02
20	T	Methylene Chloride	0.645	0.580	10.1	84	-0.02
21	T	trans-1,2-Dichloroethene	0.587	0.570	2.9	83	-0.01
22	T	Diisopropyl ether	1.832	1.663	9.2	76	-0.01
23	T	Vinyl Acetate	1.084	0.913	15.8	70	-0.01
24	P	1,1-Dichloroethane	1.079	1.064	1.4	83	-0.01
25	T	2-Butanone	0.164	0.143	12.8	71	-0.01
26	T	2,2-Dichloropropane	0.954	0.959	-0.5	84	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.684	-0.9	83	-0.01
28	T	Bromochloromethane	0.471	0.420	10.8	77	0.00
29	T	Tetrahydrofuran	0.106	0.089	16.0	71	-0.01
30	C	Chloroform	1.069	1.074	-0.5#	84	-0.01
31	T	Cyclohexane	1.075	0.915	14.9	75	-0.01
32	T	1,1,1-Trichloroethane	0.949	0.953	-0.4	84	-0.01
33	S	1,2-Dichloroethane-d4	0.559	0.505	9.7	71	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.298	0.296	0.7	76	0.00
36	T	1,1-Dichloropropene	0.484	0.485	-0.2	83	-0.01
37	T	Ethyl Acetate	0.216	0.187	13.4	68	-0.01
38	T	Carbon Tetrachloride	0.497	0.501	-0.8	82	0.00
39	T	Methylcyclohexane	0.651	0.611	6.1	77	0.00
40	TM	Benzene	1.431	1.469	-2.7	84	0.00
41	T	Methacrylonitrile	0.126	0.104	17.5	69	-0.01
42	TM	1,2-Dichloroethane	0.391	0.360	7.9	76	-0.01
43	T	Isopropyl Acetate	0.467	0.413	11.6	72	0.00
44	TM	Trichloroethene	0.350	0.382	-9.1	89	0.00
45	C	1,2-Dichloropropane	0.338	0.339	-0.3#	82	0.00
46	T	Dibromomethane	0.190	0.186	2.1	80	0.00
47	T	Bromodichloromethane	0.482	0.475	1.5	80	0.00
48	T	Methyl methacrylate	0.219	0.182	16.9	68	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	79	-0.02
50	S	Toluene-d8	1.206	1.224	-1.5	79	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.208	10.7	71	0.00
52	CM	Toluene	0.899	0.917	-2.0#	84	0.00
53	T	t-1,3-Dichloropropene	0.452	0.431	4.6	77	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.522	0.8	80	0.00
55	T	1,1,2-Trichloroethane	0.243	0.231	4.9	79	0.00
56	T	Ethyl methacrylate	0.351	0.335	4.6	76	0.00
57	T	1,3-Dichloropropane	0.430	0.413	4.0	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.158	0.6	82	0.00
59	T	2-Hexanone	0.156	0.140	10.3	72	0.00
60	T	Dibromochloromethane	0.308	0.297	3.6	78	0.00
61	T	1,2-Dibromoethane	0.221	0.214	3.2	80	0.00
62	S	4-Bromofluorobenzene	0.359	0.360	-0.3	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.430	0.550	-27.9#	104	0.00
65	PM	Chlorobenzene	1.106	1.150	-4.0	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.381	-2.1	83	0.00
67	C	Ethyl Benzene	2.052	2.110	-2.8#	83	0.00
68	T	m/p-Xylenes	0.778	0.813	-4.5	85	0.00
69	T	o-Xylene	0.729	0.772	-5.9	87	0.00
70	T	Styrene	1.206	1.264	-4.8	84	0.00
71	P	Bromoform	0.198	0.192	3.0	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	4.105	4.122	-0.4	85	0.00
74	T	N-amyl acetate	1.036	0.919	11.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.518	23.1	64	0.00
76	T	1,2,3-Trichloropropane	0.572	0.509	11.0	69	0.00
77	T	Bromobenzene	0.866	0.866	0.0	85	0.00
78	T	n-propylbenzene	5.014	5.001	0.3	84	0.00
79	T	2-Chlorotoluene	2.657	2.618	1.5	83	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.226	-0.1	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.196	17.3	71	0.00
82	T	4-Chlorotoluene	2.741	2.653	3.2	81	0.00
83	T	tert-Butylbenzene	2.893	2.973	-2.8	87	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.209	0.4	85	0.00
85	T	sec-Butylbenzene	4.430	4.454	-0.5	85	0.00
86	T	p-Isopropyltoluene	3.652	3.731	-2.2	87	0.00
87	T	1,3-Dichlorobenzene	1.755	1.775	-1.1	87	0.00
88	T	1,4-Dichlorobenzene	1.702	1.670	1.9	83	0.00
89	T	n-Butylbenzene	3.464	3.506	-1.2	84	0.00
90	T	Hexachloroethane	0.711	0.721	-1.4	85	0.00
91	T	1,2-Dichlorobenzene	1.490	1.477	0.9	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.089	9.2	71	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.831	-2.2	86	0.00
94	T	Hexachlorobutadiene	0.449	0.455	-1.3	86	0.00
95	T	Naphthalene	1.560	1.812	-16.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.675	3.2	82	0.00

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