Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021449.D
Acq On : 06 Mar 2025 21:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 07 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	76	0.00
2	T	Dichlorodifluoromethane	0.459	0.404	12.0	69	0.00
3	P	Chloromethane	0.647	0.694	-7.3	86	0.00
4	C	Vinyl Chloride	0.707	0.774	-9.5#	85	0.00
5	T	Bromomethane	0.511	0.541	-5.9	88	-0.01
6	T	Chloroethane	0.467	0.547	-17.1	91	0.00
7	T	Trichlorofluoromethane	0.987	0.997	-1.0	79	-0.01
8	T	Diethyl Ether	0.273	0.306	-12.1	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.528	6.2	75	-0.01
10	T	Methyl Iodide	0.573	0.614	-7.2	74	-0.01
11	T	Tert butyl alcohol	0.041	0.042	-2.4	84	-0.01
12	CM	1,1-Dichloroethene	0.514	0.497	3.3#	75	-0.01
13	T	Acrolein	0.027	0.003	88.9#	56	-0.02
14	T	Allyl chloride	0.830	0.846	-1.9	77	-0.01
15	T	Acrylonitrile	0.116	0.144	-24.1	88	0.00
16	T	Acetone	0.115	0.110	4.3	62	0.00
17	T	Carbon Disulfide	1.610	1.638	-1.7	77	-0.01
18	T	Methyl Acetate	0.256	0.344	-34.4#	92	-0.01
19	T	Methyl tert-butyl Ether	1.302	1.465	-12.5	82	0.00
20	T	Methylene Chloride	0.605	0.623	-3.0	86	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.602	-4.7	81	-0.02
22	T	Diisopropyl ether	1.789	2.056	-14.9	85	0.00
23	T	Vinyl Acetate	1.021	1.203	-17.8	83	-0.01
24	P	1,1-Dichloroethane	1.056	1.146	-8.5	83	-0.01
25	T	2-Butanone	0.159	0.183	-15.1	77	0.00
26	T	2,2-Dichloropropane	0.971	0.717	26.2#	58	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.709	-8.6	83	0.00
28	T	Bromochloromethane	0.443	0.539	-21.7	88	0.00
29	T	Tetrahydrofuran	0.098	0.125	-27.6#	86	0.00
30	C	Chloroform	1.096	1.215	-10.9#	85	0.00
31	T	Cyclohexane	0.990	0.890	10.1	72	0.00
32	T	1,1,1-Trichloroethane	1.004	1.016	-1.2	79	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.583	-10.4	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.329	0.323	1.8	90	0.00
36	T	1,1-Dichloropropene	0.514	0.485	5.6	77	0.00
37	T	Ethyl Acetate	0.227	0.261	-15.0	87	0.00
38	T	Carbon Tetrachloride	0.592	0.551	6.9	78	0.00
39	T	Methylcyclohexane	0.631	0.563	10.8	71	0.00
40	TM	Benzene	1.515	1.538	-1.5	82	0.00
41	T	Methacrylonitrile	0.124	0.142	-14.5	90	0.00
42	TM	1,2-Dichloroethane	0.424	0.455	-7.3	86	0.00
43	T	Isopropyl Acetate	0.441	0.496	-12.5	85	0.00
44	TM	Trichloroethene	0.383	0.364	5.0	79	0.00
45	C	1,2-Dichloropropane	0.361	0.379	-5.0#	85	0.00
46	T	Dibromomethane	0.201	0.223	-10.9	87	0.00
47	T	Bromodichloromethane	0.533	0.567	-6.4	86	0.00
48	T	Methyl methacrylate	0.203	0.236	-16.3	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	92	0.00
50	S	Toluene-d8	1.244	1.222	1.8	89	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.275	-20.6	87	0.00
52	CM	Toluene	0.955	0.987	-3.4#	83	0.00
53	T	t-1,3-Dichloropropene	0.470	0.467	0.6	77	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.551	1.1	77	0.00
55	T	1,1,2-Trichloroethane	0.263	0.292	-11.0	85	0.00
56	T	Ethyl methacrylate	0.335	0.386	-15.2	83	0.00
57	T	1,3-Dichloropropane	0.455	0.504	-10.8	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.168	-8.4	80	0.00
59	T	2-Hexanone	0.151	0.185	-22.5	84	0.00
60	T	Dibromochloromethane	0.360	0.393	-9.2	86	0.00
61	T	1,2-Dibromoethane	0.248	0.272	-9.7	86	0.00
62	S	4-Bromofluorobenzene	0.423	0.425	-0.5	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.407	0.369	9.3	79	0.00
65	PM	Chlorobenzene	1.181	1.134	4.0	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.408	2.2	84	0.00
67	C	Ethyl Benzene	2.072	1.994	3.8#	81	0.00
68	T	m/p-Xylenes	0.787	0.757	3.8	80	0.00
69	T	o-Xylene	0.725	0.717	1.1	82	0.00
70	T	Styrene	1.203	1.238	-2.9	84	0.00
71	P	Bromoform	0.233	0.248	-6.4	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.939	3.583	9.0	79	0.00
74	T	N-amyl acetate	0.855	0.934	-9.2	87	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.723	-4.0	88	0.00
76	T	1,2,3-Trichloropropane	0.504	0.497	1.4	89	0.00
77	T	Bromobenzene	0.921	0.871	5.4	83	0.00
78	T	n-propylbenzene	4.783	4.414	7.7	80	0.00
79	T	2-Chlorotoluene	2.735	2.592	5.2	84	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.023	5.6	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.196	11.7	73	0.00
82	T	4-Chlorotoluene	2.832	2.695	4.8	84	0.00
83	T	tert-Butylbenzene	2.855	2.691	5.7	81	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.052	4.0	82	0.00
85	T	sec-Butylbenzene	4.248	3.853	9.3	78	0.00
86	T	p-Isopropyltoluene	3.500	3.220	8.0	79	0.00
87	T	1,3-Dichlorobenzene	1.834	1.704	7.1	83	0.00
88	T	1,4-Dichlorobenzene	1.794	1.677	6.5	83	0.00
89	T	n-Butylbenzene	3.232	2.958	8.5	77	0.00
90	T	Hexachloroethane	0.747	0.681	8.8	83	0.00
91	T	1,2-Dichlorobenzene	1.572	1.510	3.9	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.109	-4.8	89	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.810	5.7	79	0.00
94	T	Hexachlorobutadiene	0.538	0.466	13.4	75	0.00
95	T	Naphthalene	1.390	1.513	-8.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.716	0.8	82	0.00

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