Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
Data File : VY020751.D
Acq On : 30 Dec 2024 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 31 00:36:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	157	-0.02
2	T	Dichlorodifluoromethane	50.000	45.933	8.1	141	-0.01
3	P	Chloromethane	50.000	57.701	-15.4	170	-0.01
4	C	Vinyl Chloride	50.000	53.114	-6.2#	158	-0.01
5	T	Bromomethane	50.000	51.811	-3.6	159	-0.02
6	T	Chloroethane	50.000	54.140	-8.3	165	-0.02
7	T	Trichlorofluoromethane	50.000	42.671	14.7	131	-0.02
8	T	Diethyl Ether	50.000	54.071	-8.1	159	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.819	-1.6	157	-0.02
10	T	Methyl Iodide	50.000	51.416	-2.8	150	-0.02
11	T	Tert butyl alcohol	250.000	286.075	-14.4	162	-0.02
12	CM	1,1-Dichloroethene	50.000	53.376	-6.8#	163	-0.02
13	T	Acrolein	250.000	203.641	18.5	173	-0.02
14	T	Allyl chloride	50.000	60.286	-20.6	183	-0.03
15	T	Acrylonitrile	250.000	282.160	-12.9	161	-0.02
16	T	Acetone	250.000	246.976	1.2	149	-0.02
17	T	Carbon Disulfide	50.000	55.849	-11.7	163	-0.02
18	T	Methyl Acetate	50.000	60.158	-20.3	168	-0.02
19	T	Methyl tert-butyl Ether	50.000	50.604	-1.2	149	-0.02
20	T	Methylene Chloride	50.000	54.875	-9.8	170	-0.02
21	T	trans-1,2-Dichloroethene	50.000	53.747	-7.5	159	-0.03
22	T	Diisopropyl ether	50.000	60.990	-22.0	182	-0.02
23	T	Vinyl Acetate	250.000	286.681	-14.7	163	-0.02
24	P	1,1-Dichloroethane	50.000	56.319	-12.6	174	-0.02
25	T	2-Butanone	250.000	296.812	-18.7	165	-0.02
26	T	2,2-Dichloropropane	50.000	48.372	3.3	151	-0.02
27	T	cis-1,2-Dichloroethene	50.000	53.802	-7.6	162	-0.02
28	T	Bromochloromethane	50.000	79.298	-58.6#	209	-0.02
29	T	Tetrahydrofuran	250.000	313.082	-25.2#	174	-0.02
30	C	Chloroform	50.000	50.054	-0.1#	157	-0.01
31	T	Cyclohexane	50.000	52.450	-4.9	170	-0.02
32	T	1,1,1-Trichloroethane	50.000	46.835	6.3	144	-0.02
33	S	1,2-Dichloroethane-d4	50.000	54.080	-8.2	135	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	162	-0.02
35	S	Dibromofluoromethane	50.000	55.375	-10.8	155	-0.01
36	T	1,1-Dichloropropene	50.000	51.546	-3.1	162	-0.02
37	T	Ethyl Acetate	50.000	57.040	-14.1	166	-0.01
38	T	Carbon Tetrachloride	50.000	44.129	11.7	139	-0.02
39	T	Methylcyclohexane	50.000	50.751	-1.5	158	-0.01
40	TM	Benzene	50.000	52.791	-5.6	165	-0.01
41	T	Methacrylonitrile	50.000	52.560	-5.1	184	-0.01
42	TM	1,2-Dichloroethane	50.000	45.027	9.9	135	-0.02
43	T	Isopropyl Acetate	50.000	54.559	-9.1	156	-0.01
44	TM	Trichloroethene	50.000	49.303	1.4	155	-0.02
45	C	1,2-Dichloropropane	50.000	55.330	-10.7#	170	0.00
46	T	Dibromomethane	50.000	50.082	-0.2	150	-0.01
47	T	Bromodichloromethane	50.000	48.471	3.1	152	-0.01
48	T	Methyl methacrylate	50.000	54.945	-9.9	162	-0.02

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1146.306	-14.6	155	-0.02
50	S	Toluene-d8	50.000	54.080	-8.2	157	-0.01
51	T	4-Methyl-2-Pentanone	250.000	282.634	-13.1	161	-0.01
52	CM	Toluene	50.000	51.892	-3.8#	163	-0.01
53	T	t-1,3-Dichloropropene	50.000	50.382	-0.8	149	-0.01
54	T	cis-1,3-Dichloropropene	50.000	51.409	-2.8	156	-0.01
55	T	1,1,2-Trichloroethane	50.000	50.964	-1.9	156	0.00
56	T	Ethyl methacrylate	50.000	53.278	-6.6	154	0.00
57	T	1,3-Dichloropropane	50.000	52.919	-5.8	157	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	343.071	-37.2#	189	-0.01
59	T	2-Hexanone	250.000	286.561	-14.6	157	-0.01
60	T	Dibromochloromethane	50.000	46.729	6.5	146	-0.01
61	T	1,2-Dibromoethane	50.000	51.069	-2.1	154	-0.01
62	S	4-Bromofluorobenzene	50.000	55.100	-10.2	153	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	158	-0.01
64	T	Tetrachloroethene	50.000	49.109	1.8	151	0.00
65	PM	Chlorobenzene	50.000	50.279	-0.6	155	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	48.212	3.6	148	-0.01
67	C	Ethyl Benzene	50.000	50.821	-1.6#	154	-0.01
68	T	m/p-Xylenes	100.000	103.351	-3.4	157	0.00
69	T	o-Xylene	50.000	50.930	-1.9	154	0.00
70	T	Styrene	50.000	51.617	-3.2	156	0.00
71	P	Bromoform	50.000	47.712	4.6	136	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	153	0.00
73	T	Isopropylbenzene	50.000	50.057	-0.1	153	0.00
74	T	N-amyl acetate	50.000	59.561	-19.1	164	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	54.064	-8.1	155	0.00
76	T	1,2,3-Trichloropropane	50.000	56.207	-12.4	183	0.00
77	T	Bromobenzene	50.000	49.706	0.6	149	0.00
78	T	n-propylbenzene	50.000	51.320	-2.6	157	0.00
79	T	2-Chlorotoluene	50.000	51.178	-2.4	154	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.664	0.7	149	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.617	-3.2	145	0.00
82	T	4-Chlorotoluene	50.000	51.105	-2.2	153	0.00
83	T	tert-Butylbenzene	50.000	49.188	1.6	149	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.011	-0.0	149	0.00
85	T	sec-Butylbenzene	50.000	50.690	-1.4	154	0.00
86	T	p-Isopropyltoluene	50.000	49.353	1.3	149	0.00
87	T	1,3-Dichlorobenzene	50.000	49.627	0.7	150	-0.01
88	T	1,4-Dichlorobenzene	50.000	49.264	1.5	149	-0.01
89	T	n-Butylbenzene	50.000	51.740	-3.5	156	0.00
90	T	Hexachloroethane	50.000	49.064	1.9	151	0.00
91	T	1,2-Dichlorobenzene	50.000	49.608	0.8	144	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.027	1.9	132	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.729	2.5	141	0.00
94	T	Hexachlorobutadiene	50.000	47.599	4.8	145	0.00
95	T	Naphthalene	50.000	48.233	3.5	132	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.093	3.8	135	-0.01

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