Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018129.D
Acq On : 02 May 2024 20:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 02 23:09:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	50.743	-1.5	74	0.00
3	P	Chloromethane	50.000	54.940	-9.9	77	0.00
4	C	Vinyl Chloride	50.000	59.183	-18.4#	81	0.00
5	T	Bromomethane	50.000	67.437	-34.9#	93	0.00
6	T	Chloroethane	50.000	61.550	-23.1	82	0.00
7	T	Trichlorofluoromethane	50.000	52.909	-5.8	73	0.00
8	T	Diethyl Ether	50.000	55.936	-11.9	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.686	-9.4	76	-0.01
10	T	Methyl Iodide	50.000	56.160	-12.3	73	-0.01
11	T	Tert butyl alcohol	250.000	298.727	-19.5	84	-0.02
12	CM	1,1-Dichloroethene	50.000	55.708	-11.4#	76	-0.02
13	T	Acrolein	250.000	197.575	21.0	59	-0.02
14	T	Allyl chloride	50.000	53.627	-7.3	73	-0.01
15	T	Acrylonitrile	250.000	292.415	-17.0	77	-0.02
16	T	Acetone	250.000	204.585	18.2	50	-0.02
17	T	Carbon Disulfide	50.000	56.068	-12.1	76	-0.01
18	T	Methyl Acetate	50.000	58.151	-16.3	81	-0.01
19	T	Methyl tert-butyl Ether	50.000	53.664	-7.3	72	-0.02
20	T	Methylene Chloride	50.000	52.294	-4.6	76	-0.01
21	T	trans-1,2-Dichloroethene	50.000	56.357	-12.7	76	-0.02
22	T	Diisopropyl ether	50.000	54.196	-8.4	75	-0.01
23	T	Vinyl Acetate	250.000	257.478	-3.0	69	-0.02
24	P	1,1-Dichloroethane	50.000	56.228	-12.5	77	-0.02
25	T	2-Butanone	250.000	253.920	-1.6	63	-0.01
26	T	2,2-Dichloropropane	50.000	47.131	5.7	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.444	-10.9	75	-0.01
28	T	Bromochloromethane	50.000	50.520	-1.0	77	-0.02
29	T	Tetrahydrofuran	250.000	279.540	-11.8	73	-0.01
30	C	Chloroform	50.000	55.480	-11.0#	76	-0.01
31	T	Cyclohexane	50.000	51.275	-2.5	74	0.00
32	T	1,1,1-Trichloroethane	50.000	53.991	-8.0	74	-0.01
33	S	1,2-Dichloroethane-d4	50.000	54.097	-8.2	73	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	52.145	-4.3	76	-0.01
36	T	1,1-Dichloropropene	50.000	51.371	-2.7	74	0.00
37	T	Ethyl Acetate	50.000	50.741	-1.5	70	-0.01
38	T	Carbon Tetrachloride	50.000	49.427	1.1	72	-0.01
39	T	Methylcyclohexane	50.000	49.604	0.8	73	0.00
40	TM	Benzene	50.000	52.988	-6.0	77	0.00
41	T	Methacrylonitrile	50.000	42.058	15.9	66	-0.04
42	TM	1,2-Dichloroethane	50.000	50.473	-0.9	72	0.00
43	T	Isopropyl Acetate	50.000	49.239	1.5	69	0.00
44	TM	Trichloroethene	50.000	51.227	-2.5	74	0.00
45	C	1,2-Dichloropropane	50.000	52.431	-4.9#	76	0.00
46	T	Dibromomethane	50.000	50.938	-1.9	74	0.00
47	T	Bromodichloromethane	50.000	50.524	-1.0	73	0.00
48	T	Methyl methacrylate	50.000	48.855	2.3	69	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1071.018	-7.1	73	0.00
50	S	Toluene-d8	50.000	51.451	-2.9	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.909	-0.8	70	0.00
52	CM	Toluene	50.000	50.606	-1.2#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	47.556	4.9	67	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.137	-0.3	71	0.00
55	T	1,1,2-Trichloroethane	50.000	50.411	-0.8	71	0.00
56	T	Ethyl methacrylate	50.000	50.166	-0.3	71	0.00
57	T	1,3-Dichloropropane	50.000	51.377	-2.8	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.986	9.6	66	0.00
59	T	2-Hexanone	250.000	236.370	5.5	63	0.00
60	T	Dibromochloromethane	50.000	48.918	2.2	69	0.00
61	T	1,2-Dibromoethane	50.000	49.890	0.2	69	0.00
62	S	4-Bromofluorobenzene	50.000	46.758	6.5	70	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	50.660	-1.3	73	0.00
65	PM	Chlorobenzene	50.000	51.185	-2.4	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.877	0.2	71	0.00
67	C	Ethyl Benzene	50.000	51.033	-2.1#	73	0.00
68	T	m/p-Xylenes	100.000	100.771	-0.8	72	0.00
69	T	o-Xylene	50.000	50.909	-1.8	73	0.00
70	T	Styrene	50.000	50.243	-0.5	71	0.00
71	P	Bromoform	50.000	46.970	6.1	65	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	51.461	-2.9	71	0.00
74	T	N-amyl acetate	50.000	49.335	1.3	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.694	-5.4	70	0.00
76	T	1,2,3-Trichloropropane	50.000	47.152	5.7	64	0.00
77	T	Bromobenzene	50.000	51.804	-3.6	70	0.00
78	T	n-propylbenzene	50.000	51.388	-2.8	70	0.00
79	T	2-Chlorotoluene	50.000	50.562	-1.1	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.842	-1.7	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.616	8.8	60	0.00
82	T	4-Chlorotoluene	50.000	49.648	0.7	68	0.00
83	T	tert-Butylbenzene	50.000	51.793	-3.6	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.592	-1.2	69	0.00
85	T	sec-Butylbenzene	50.000	51.536	-3.1	71	0.00
86	T	p-Isopropyltoluene	50.000	50.292	-0.6	69	0.00
87	T	1,3-Dichlorobenzene	50.000	50.902	-1.8	69	0.00
88	T	1,4-Dichlorobenzene	50.000	49.986	0.0	68	0.00
89	T	n-Butylbenzene	50.000	50.005	-0.0	68	0.00
90	T	Hexachloroethane	50.000	50.236	-0.5	69	0.00
91	T	1,2-Dichlorobenzene	50.000	50.749	-1.5	68	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.615	4.8	63	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.707	4.6	62	0.00
94	T	Hexachlorobutadiene	50.000	47.789	4.4	66	0.00
95	T	Naphthalene	50.000	50.451	-0.9	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.168	1.7	64	0.00

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