Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
Data File : VY016938.D
Acq On : 08 Jan 2024 17:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 06:37:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	43.585	12.8	77	0.00
3	P	Chloromethane	50.000	47.477	5.0	84	0.00
4	C	Vinyl Chloride	50.000	47.387	5.2#	83	0.00
5	T	Bromomethane	50.000	48.834	2.3	91	0.00
6	T	Chloroethane	50.000	48.575	2.8	86	0.00
7	T	Trichlorofluoromethane	50.000	48.271	3.5	84	0.01
8	T	Diethyl Ether	50.000	53.534	-7.1	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.182	1.6	87	0.00
10	T	Methyl Iodide	50.000	48.865	2.3	79	0.01
11	T	Tert butyl alcohol	250.000	267.027	-6.8	92	0.02
12	CM	1,1-Dichloroethene	50.000	49.358	1.3#	86	0.01
13	T	Acrolein	250.000	224.372	10.3	83	0.01
14	T	Allyl chloride	50.000	52.949	-5.9	90	0.00
15	T	Acrylonitrile	250.000	266.258	-6.5	93	0.00
16	T	Acetone	250.000	249.843	0.1	88	0.00
17	T	Carbon Disulfide	50.000	47.515	5.0	78	0.01
18	T	Methyl Acetate	50.000	60.659	-21.3	95	0.00
19	T	Methyl tert-butyl Ether	50.000	55.092	-10.2	93	0.01
20	T	Methylene Chloride	50.000	51.671	-3.3	90	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.505	-1.0	86	0.00
22	T	Diisopropyl ether	50.000	56.158	-12.3	93	0.01
23	T	Vinyl Acetate	250.000	263.018	-5.2	91	0.00
24	P	1,1-Dichloroethane	50.000	52.561	-5.1	91	0.01
25	T	2-Butanone	250.000	264.803	-5.9	92	0.01
26	T	2,2-Dichloropropane	50.000	50.360	-0.7	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.213	-8.4	93	0.00
28	T	Bromochloromethane	50.000	56.163	-12.3	89	0.00
29	T	Tetrahydrofuran	250.000	267.839	-7.1	91	0.00
30	C	Chloroform	50.000	52.932	-5.9#	92	0.00
31	T	Cyclohexane	50.000	48.072	3.9	84	0.00
32	T	1,1,1-Trichloroethane	50.000	51.389	-2.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.885	-3.8	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	50.220	-0.4	93	0.01
36	T	1,1-Dichloropropene	50.000	48.813	2.4	86	0.00
37	T	Ethyl Acetate	50.000	50.836	-1.7	91	0.01
38	T	Carbon Tetrachloride	50.000	48.567	2.9	87	0.00
39	T	Methylcyclohexane	50.000	49.981	0.0	85	0.01
40	TM	Benzene	50.000	50.843	-1.7	90	0.00
41	T	Methacrylonitrile	50.000	56.978	-14.0	112	0.00
42	TM	1,2-Dichloroethane	50.000	50.792	-1.6	92	0.00
43	T	Isopropyl Acetate	50.000	51.683	-3.4	93	0.00
44	TM	Trichloroethene	50.000	50.496	-1.0	90	0.01
45	C	1,2-Dichloropropane	50.000	52.032	-4.1#	93	0.00
46	T	Dibromomethane	50.000	50.924	-1.8	91	0.00
47	T	Bromodichloromethane	50.000	51.503	-3.0	93	0.00
48	T	Methyl methacrylate	50.000	53.224	-6.4	91	0.00

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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	1014.827	-1.5	93	0.00
50	S	Toluene-d8	50.000	50.753	-1.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.484	-6.2	92	0.00
52	CM	Toluene	50.000	51.679	-3.4#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	51.717	-3.4	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.347	-4.7	92	0.00
55	T	1,1,2-Trichloroethane	50.000	51.280	-2.6	93	0.00
56	T	Ethyl methacrylate	50.000	54.830	-9.7	94	0.00
57	T	1,3-Dichloropropane	50.000	52.192	-4.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.243	1.9	91	0.00
59	T	2-Hexanone	250.000	248.332	0.7	91	0.00
60	T	Dibromochloromethane	50.000	52.228	-4.5	93	0.00
61	T	1,2-Dibromoethane	50.000	52.031	-4.1	91	0.00
62	S	4-Bromofluorobenzene	50.000	49.981	0.0	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	49.894	0.2	90	0.00
65	PM	Chlorobenzene	50.000	51.268	-2.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.485	-3.0	92	0.00
67	C	Ethyl Benzene	50.000	51.692	-3.4#	90	0.00
68	T	m/p-Xylenes	100.000	104.862	-4.9	91	0.00
69	T	o-Xylene	50.000	52.610	-5.2	91	0.00
70	T	Styrene	50.000	53.871	-7.7	91	0.00
71	P	Bromoform	50.000	51.070	-2.1	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	52.637	-5.3	92	0.00
74	T	N-amyl acetate	50.000	53.225	-6.5	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.945	0.1	94	0.00
76	T	1,2,3-Trichloropropane	50.000	53.141	-6.3	87	0.00
77	T	Bromobenzene	50.000	50.163	-0.3	92	0.00
78	T	n-propylbenzene	50.000	51.931	-3.9	91	0.00
79	T	2-Chlorotoluene	50.000	50.834	-1.7	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.782	-5.6	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.806	-1.6	95	0.00
82	T	4-Chlorotoluene	50.000	50.951	-1.9	92	0.00
83	T	tert-Butylbenzene	50.000	52.472	-4.9	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.719	-5.4	92	0.00
85	T	sec-Butylbenzene	50.000	52.222	-4.4	92	0.00
86	T	p-Isopropyltoluene	50.000	52.810	-5.6	91	0.00
87	T	1,3-Dichlorobenzene	50.000	50.596	-1.2	92	0.00
88	T	1,4-Dichlorobenzene	50.000	50.589	-1.2	93	0.00
89	T	n-Butylbenzene	50.000	53.035	-6.1	92	0.00
90	T	Hexachloroethane	50.000	50.857	-1.7	93	0.00
91	T	1,2-Dichlorobenzene	50.000	50.240	-0.5	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.716	0.6	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.806	-9.6	95	0.00
94	T	Hexachlorobutadiene	50.000	49.555	0.9	89	0.00
95	T	Naphthalene	50.000	55.105	-10.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.522	-7.0	93	0.00

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