Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
Data File : VY017487.D
Acq On : 26 Feb 2024 17:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 27 01:55:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	48.290	3.4	95	0.00
3	P	Chloromethane	50.000	45.507	9.0	89	0.00
4	C	Vinyl Chloride	50.000	45.348	9.3#	88	0.00
5	T	Bromomethane	50.000	47.890	4.2	95	0.00
6	T	Chloroethane	50.000	47.621	4.8	90	0.00
7	T	Trichlorofluoromethane	50.000	48.188	3.6	92	0.00
8	T	Diethyl Ether	50.000	50.610	-1.2	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.807	-1.6	96	0.00
10	T	Methyl Iodide	50.000	45.879	8.2	81	0.00
11	T	Tert butyl alcohol	250.000	213.326	14.7	89	0.01
12	CM	1,1-Dichloroethene	50.000	51.205	-2.4#	97	0.00
13	T	Acrolein	250.000	278.284	-11.3	106	0.00
14	T	Allyl chloride	50.000	50.522	-1.0	92	0.00
15	T	Acrylonitrile	250.000	263.106	-5.2	94	0.00
16	T	Acetone	250.000	260.578	-4.2	96	0.00
17	T	Carbon Disulfide	50.000	49.661	0.7	93	0.00
18	T	Methyl Acetate	50.000	53.479	-7.0	93	0.00
19	T	Methyl tert-butyl Ether	50.000	51.938	-3.9	91	0.00
20	T	Methylene Chloride	50.000	57.730	-15.5	102	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.095	-2.2	94	0.00
22	T	Diisopropyl ether	50.000	52.676	-5.4	93	0.00
23	T	Vinyl Acetate	250.000	265.884	-6.4	93	0.00
24	P	1,1-Dichloroethane	50.000	50.729	-1.5	94	0.00
25	T	2-Butanone	250.000	266.913	-6.8	94	0.00
26	T	2,2-Dichloropropane	50.000	49.797	0.4	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.762	-5.5	96	0.00
28	T	Bromochloromethane	50.000	44.677	10.6	99	0.00
29	T	Tetrahydrofuran	250.000	271.409	-8.6	94	0.00
30	C	Chloroform	50.000	51.607	-3.2#	96	0.00
31	T	Cyclohexane	50.000	49.077	1.8	94	0.00
32	T	1,1,1-Trichloroethane	50.000	50.621	-1.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	37.221	25.6#	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	37.875	24.3	73	0.00
36	T	1,1-Dichloropropene	50.000	51.439	-2.9	94	0.00
37	T	Ethyl Acetate	50.000	52.991	-6.0	95	0.00
38	T	Carbon Tetrachloride	50.000	51.881	-3.8	94	0.00
39	T	Methylcyclohexane	50.000	53.405	-6.8	95	0.00
40	TM	Benzene	50.000	52.210	-4.4	95	0.00
41	T	Methacrylonitrile	50.000	54.800	-9.6	93	-0.02
42	TM	1,2-Dichloroethane	50.000	51.537	-3.1	93	0.00
43	T	Isopropyl Acetate	50.000	53.525	-7.0	93	0.00
44	TM	Trichloroethene	50.000	50.777	-1.6	94	0.00
45	C	1,2-Dichloropropane	50.000	51.946	-3.9#	95	0.00
46	T	Dibromomethane	50.000	53.348	-6.7	97	0.00
47	T	Bromodichloromethane	50.000	52.870	-5.7	95	0.00
48	T	Methyl methacrylate	50.000	51.845	-3.7	89	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	1103.215	-10.3	96	0.00
50	S	Toluene-d8	50.000	40.680	18.6	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.727	-9.1	95	0.00
52	CM	Toluene	50.000	52.634	-5.3#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	53.405	-6.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.900	-5.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	52.070	-4.1	95	0.00
56	T	Ethyl methacrylate	50.000	51.363	-2.7	93	0.00
57	T	1,3-Dichloropropane	50.000	52.871	-5.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.521	-2.2	105	0.00
59	T	2-Hexanone	250.000	280.452	-12.2	94	0.00
60	T	Dibromochloromethane	50.000	53.719	-7.4	95	0.00
61	T	1,2-Dibromoethane	50.000	53.643	-7.3	96	0.00
62	S	4-Bromofluorobenzene	50.000	40.556	18.9	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	49.767	0.5	93	0.00
65	PM	Chlorobenzene	50.000	52.407	-4.8	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.766	-5.5	96	0.00
67	C	Ethyl Benzene	50.000	53.893	-7.8#	96	0.00
68	T	m/p-Xylenes	100.000	108.423	-8.4	96	0.00
69	T	o-Xylene	50.000	54.764	-9.5	95	0.00
70	T	Styrene	50.000	55.240	-10.5	95	0.00
71	P	Bromoform	50.000	54.724	-9.4	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	53.564	-7.1	95	0.00
74	T	N-amyl acetate	50.000	55.045	-10.1	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.658	-11.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	48.137	3.7	89	0.00
77	T	Bromobenzene	50.000	52.694	-5.4	96	0.00
78	T	n-propylbenzene	50.000	53.728	-7.5	95	0.00
79	T	2-Chlorotoluene	50.000	52.541	-5.1	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.763	-7.5	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.262	-6.5	94	0.00
82	T	4-Chlorotoluene	50.000	52.175	-4.3	95	0.00
83	T	tert-Butylbenzene	50.000	55.594	-11.2	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.326	-8.7	96	0.00
85	T	sec-Butylbenzene	50.000	54.108	-8.2	95	0.00
86	T	p-Isopropyltoluene	50.000	55.163	-10.3	96	0.00
87	T	1,3-Dichlorobenzene	50.000	52.364	-4.7	95	0.00
88	T	1,4-Dichlorobenzene	50.000	52.238	-4.5	94	0.00
89	T	n-Butylbenzene	50.000	54.518	-9.0	94	0.00
90	T	Hexachloroethane	50.000	52.186	-4.4	95	0.00
91	T	1,2-Dichlorobenzene	50.000	53.939	-7.9	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.876	-3.8	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.707	-11.4	95	0.00
94	T	Hexachlorobutadiene	50.000	54.594	-9.2	100	0.00
95	T	Naphthalene	50.000	50.111	-0.2	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.095	-10.2	94	0.00

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