Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017489.D
Acq On : 27 Feb 2024 10:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 00:56:19 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	47.482	5.0	92	0.00
3	P	Chloromethane	50.000	43.188	13.6	83	0.01
4	C	Vinyl Chloride	50.000	43.871	12.3#	83	0.00
5	T	Bromomethane	50.000	44.659	10.7	87	0.01
6	T	Chloroethane	50.000	45.645	8.7	84	0.00
7	T	Trichlorofluoromethane	50.000	46.755	6.5	88	0.01
8	T	Diethyl Ether	50.000	50.223	-0.4	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.526	-1.1	94	0.00
10	T	Methyl Iodide	50.000	52.328	-4.7	90	0.01
11	T	Tert butyl alcohol	250.000	181.092	27.6#	74	0.01
12	CM	1,1-Dichloroethene	50.000	51.354	-2.7#	95	0.02
13	T	Acrolein	250.000	280.720	-12.3	105	0.01
14	T	Allyl chloride	50.000	50.216	-0.4	90	0.00
15	T	Acrylonitrile	250.000	254.378	-1.8	89	0.00
16	T	Acetone	250.000	329.707	-31.9#	119	0.01
17	T	Carbon Disulfide	50.000	50.196	-0.4	92	0.01
18	T	Methyl Acetate	50.000	52.377	-4.8	89	0.00
19	T	Methyl tert-butyl Ether	50.000	51.837	-3.7	90	0.00
20	T	Methylene Chloride	50.000	53.167	-6.3	93	0.01
21	T	trans-1,2-Dichloroethene	50.000	52.544	-5.1	95	0.01
22	T	Diisopropyl ether	50.000	52.821	-5.6	92	0.00
23	T	Vinyl Acetate	250.000	262.069	-4.8	90	0.00
24	P	1,1-Dichloroethane	50.000	51.202	-2.4	93	0.00
25	T	2-Butanone	250.000	293.072	-17.2	102	0.00
26	T	2,2-Dichloropropane	50.000	50.928	-1.9	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.360	-6.7	95	0.00
28	T	Bromochloromethane	50.000	52.375	-4.8	114	0.00
29	T	Tetrahydrofuran	250.000	257.759	-3.1	87	0.00
30	C	Chloroform	50.000	52.714	-5.4#	96	0.00
31	T	Cyclohexane	50.000	48.598	2.8	91	0.00
32	T	1,1,1-Trichloroethane	50.000	51.210	-2.4	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.711	4.6	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	48.997	2.0	93	0.00
36	T	1,1-Dichloropropene	50.000	51.933	-3.9	93	0.00
37	T	Ethyl Acetate	50.000	51.511	-3.0	91	0.00
38	T	Carbon Tetrachloride	50.000	53.296	-6.6	95	0.00
39	T	Methylcyclohexane	50.000	53.166	-6.3	92	0.00
40	TM	Benzene	50.000	53.200	-6.4	95	0.00
41	T	Methacrylonitrile	50.000	51.168	-2.3	84	-0.01
42	TM	1,2-Dichloroethane	50.000	52.158	-4.3	92	0.00
43	T	Isopropyl Acetate	50.000	51.785	-3.6	88	0.00
44	TM	Trichloroethene	50.000	52.416	-4.8	95	0.00
45	C	1,2-Dichloropropane	50.000	52.832	-5.7#	94	0.00
46	T	Dibromomethane	50.000	53.882	-7.8	95	0.00
47	T	Bromodichloromethane	50.000	54.055	-8.1	95	0.00
48	T	Methyl methacrylate	50.000	52.769	-5.5	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1012.997	-1.3	86	0.00
50	S	Toluene-d8	50.000	52.749	-5.5	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.724	-6.3	90	0.00
52	CM	Toluene	50.000	54.031	-8.1#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	53.806	-7.6	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.987	-8.0	95	0.00
55	T	1,1,2-Trichloroethane	50.000	53.679	-7.4	95	0.00
56	T	Ethyl methacrylate	50.000	50.257	-0.5	89	0.00
57	T	1,3-Dichloropropane	50.000	53.018	-6.0	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.818	-11.9	112	0.00
59	T	2-Hexanone	250.000	306.193	-22.5	100	0.00
60	T	Dibromochloromethane	50.000	55.818	-11.6	96	0.00
61	T	1,2-Dibromoethane	50.000	54.533	-9.1	95	0.00
62	S	4-Bromofluorobenzene	50.000	52.836	-5.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	49.558	0.9	91	0.00
65	PM	Chlorobenzene	50.000	53.819	-7.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.362	-8.7	98	0.00
67	C	Ethyl Benzene	50.000	54.578	-9.2#	96	0.00
68	T	m/p-Xylenes	100.000	110.125	-10.1	96	0.00
69	T	o-Xylene	50.000	55.556	-11.1	96	0.00
70	T	Styrene	50.000	55.886	-11.8	95	0.00
71	P	Bromoform	50.000	56.405	-12.8	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	52.731	-5.5	96	0.00
74	T	N-amyl acetate	50.000	51.665	-3.3	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.632	-9.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	48.532	2.9	92	0.00
77	T	Bromobenzene	50.000	53.105	-6.2	99	0.00
78	T	n-propylbenzene	50.000	53.524	-7.0	97	0.00
79	T	2-Chlorotoluene	50.000	51.547	-3.1	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.751	-7.5	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.592	0.8	89	0.00
82	T	4-Chlorotoluene	50.000	52.233	-4.5	97	0.00
83	T	tert-Butylbenzene	50.000	53.812	-7.6	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.234	-8.5	98	0.00
85	T	sec-Butylbenzene	50.000	53.353	-6.7	96	0.00
86	T	p-Isopropyltoluene	50.000	54.670	-9.3	97	0.00
87	T	1,3-Dichlorobenzene	50.000	53.289	-6.6	98	0.00
88	T	1,4-Dichlorobenzene	50.000	52.790	-5.6	97	0.00
89	T	n-Butylbenzene	50.000	53.694	-7.4	94	0.00
90	T	Hexachloroethane	50.000	53.089	-6.2	99	0.00
91	T	1,2-Dichlorobenzene	50.000	53.218	-6.4	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.399	-2.8	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.928	-15.9	101	0.00
94	T	Hexachlorobutadiene	50.000	56.152	-12.3	105	0.00
95	T	Naphthalene	50.000	50.893	-1.8	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.697	-15.4	101	0.00

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