Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
Data File : VY018456.D
Acq On : 04 Jun 2024 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 05 01:21:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	47.508	5.0	99	0.00
3	P	Chloromethane	50.000	52.853	-5.7	104	0.00
4	C	Vinyl Chloride	50.000	53.745	-7.5#	105	0.00
5	T	Bromomethane	50.000	53.071	-6.1	106	0.00
6	T	Chloroethane	50.000	57.400	-14.8	108	0.00
7	T	Trichlorofluoromethane	50.000	53.584	-7.2	104	0.00
8	T	Diethyl Ether	50.000	54.313	-8.6	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.688	-5.4	105	0.00
10	T	Methyl Iodide	50.000	59.226	-18.5	108	0.00
11	T	Tert butyl alcohol	250.000	190.904	23.6	78	0.01
12	CM	1,1-Dichloroethene	50.000	52.506	-5.0#	103	0.00
13	T	Acrolein	250.000	293.275	-17.3	79	0.00
14	T	Allyl chloride	50.000	55.221	-10.4	101	0.00
15	T	Acrylonitrile	250.000	271.014	-8.4	98	0.00
16	T	Acetone	250.000	285.795	-14.3	95	0.00
17	T	Carbon Disulfide	50.000	51.389	-2.8	102	0.00
18	T	Methyl Acetate	50.000	51.445	-2.9	100	0.00
19	T	Methyl tert-butyl Ether	50.000	56.000	-12.0	102	0.00
20	T	Methylene Chloride	50.000	51.380	-2.8	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.080	-10.2	104	0.00
22	T	Diisopropyl ether	50.000	61.173	-22.3	110	0.00
23	T	Vinyl Acetate	250.000	297.572	-19.0	104	0.00
24	P	1,1-Dichloroethane	50.000	56.278	-12.6	105	0.00
25	T	2-Butanone	250.000	279.999	-12.0	93	0.00
26	T	2,2-Dichloropropane	50.000	54.858	-9.7	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.063	-12.1	104	0.00
28	T	Bromochloromethane	50.000	54.113	-8.2	93	0.00
29	T	Tetrahydrofuran	250.000	265.203	-6.1	95	0.00
30	C	Chloroform	50.000	59.088	-18.2#	110	0.00
31	T	Cyclohexane	50.000	53.338	-6.7	103	0.00
32	T	1,1,1-Trichloroethane	50.000	56.353	-12.7	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.632	0.7	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	48.170	3.7	88	0.00
36	T	1,1-Dichloropropene	50.000	54.373	-8.7	105	0.00
37	T	Ethyl Acetate	50.000	51.959	-3.9	98	0.00
38	T	Carbon Tetrachloride	50.000	53.098	-6.2	106	0.00
39	T	Methylcyclohexane	50.000	52.528	-5.1	105	0.00
40	TM	Benzene	50.000	55.685	-11.4	106	0.00
41	T	Methacrylonitrile	50.000	63.282	-26.6#	115	0.00
42	TM	1,2-Dichloroethane	50.000	55.808	-11.6	105	0.00
43	T	Isopropyl Acetate	50.000	55.615	-11.2	99	0.00
44	TM	Trichloroethene	50.000	53.130	-6.3	104	0.00
45	C	1,2-Dichloropropane	50.000	56.621	-13.2#	106	0.00
46	T	Dibromomethane	50.000	55.186	-10.4	105	0.00
47	T	Bromodichloromethane	50.000	57.242	-14.5	107	0.00
48	T	Methyl methacrylate	50.000	53.457	-6.9	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1020.614	-2.1	99	-0.01
50	S	Toluene-d8	50.000	49.038	1.9	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.745	-10.7	96	0.00
52	CM	Toluene	50.000	57.204	-14.4#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	59.218	-18.4	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.512	-13.0	106	0.00
55	T	1,1,2-Trichloroethane	50.000	57.318	-14.6	103	0.00
56	T	Ethyl methacrylate	50.000	57.641	-15.3	101	0.00
57	T	1,3-Dichloropropane	50.000	58.592	-17.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.537	-16.2	97	0.00
59	T	2-Hexanone	250.000	279.718	-11.9	94	0.00
60	T	Dibromochloromethane	50.000	57.121	-14.2	106	0.00
61	T	1,2-Dibromoethane	50.000	55.671	-11.3	103	0.00
62	S	4-Bromofluorobenzene	50.000	50.307	-0.6	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	49.498	1.0	106	0.00
65	PM	Chlorobenzene	50.000	53.153	-6.3	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.904	-3.8	106	0.00
67	C	Ethyl Benzene	50.000	54.180	-8.4#	109	0.00
68	T	m/p-Xylenes	100.000	108.182	-8.2	108	0.00
69	T	o-Xylene	50.000	52.818	-5.6	108	0.00
70	T	Styrene	50.000	55.565	-11.1	109	0.00
71	P	Bromoform	50.000	51.742	-3.5	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	52.471	-4.9	110	0.00
74	T	N-amyl acetate	50.000	50.067	-0.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.792	0.4	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.553	6.9	100	0.00
77	T	Bromobenzene	50.000	50.910	-1.8	106	0.00
78	T	n-propylbenzene	50.000	52.561	-5.1	112	0.00
79	T	2-Chlorotoluene	50.000	52.185	-4.4	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.457	-4.9	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.682	4.6	94	0.00
82	T	4-Chlorotoluene	50.000	49.744	0.5	111	0.00
83	T	tert-Butylbenzene	50.000	52.015	-4.0	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.563	-3.1	113	0.00
85	T	sec-Butylbenzene	50.000	50.961	-1.9	112	0.00
86	T	p-Isopropyltoluene	50.000	51.852	-3.7	112	0.00
87	T	1,3-Dichlorobenzene	50.000	52.564	-5.1	110	0.00
88	T	1,4-Dichlorobenzene	50.000	52.111	-4.2	111	0.00
89	T	n-Butylbenzene	50.000	50.485	-1.0	113	0.00
90	T	Hexachloroethane	50.000	53.246	-6.5	117	0.00
91	T	1,2-Dichlorobenzene	50.000	52.952	-5.9	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.336	11.3	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.954	-1.9	112	0.00
94	T	Hexachlorobutadiene	50.000	47.633	4.7	110	0.00
95	T	Naphthalene	50.000	49.614	0.8	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.549	-1.1	110	0.00

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