Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020808.D
Acq On : 08 Jan 2025 15:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 00:21:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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	107	0.01
2	T	Dichlorodifluoromethane	50.000	43.696	12.6	94	0.01
3	P	Chloromethane	50.000	54.137	-8.3	118	0.00
4	C	Vinyl Chloride	50.000	55.425	-10.8#	116	0.01
5	T	Bromomethane	50.000	49.213	1.6	109	0.01
6	T	Chloroethane	50.000	56.418	-12.8	119	0.01
7	T	Trichlorofluoromethane	50.000	46.083	7.8	98	0.01
8	T	Diethyl Ether	50.000	53.269	-6.5	110	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.294	5.4	101	0.00
10	T	Methyl Iodide	50.000	53.926	-7.9	108	0.02
11	T	Tert butyl alcohol	250.000	211.855	15.3	91	0.04
12	CM	1,1-Dichloroethene	50.000	50.618	-1.2#	105	0.02
13	T	Acrolein	250.000	143.955	42.4#	106	0.01
14	T	Allyl chloride	50.000	54.756	-9.5	116	0.02
15	T	Acrylonitrile	250.000	263.900	-5.6	104	0.02
16	T	Acetone	250.000	249.738	0.1	100	0.02
17	T	Carbon Disulfide	50.000	53.957	-7.9	107	0.01
18	T	Methyl Acetate	50.000	56.750	-13.5	109	0.02
19	T	Methyl tert-butyl Ether	50.000	51.957	-3.9	107	0.01
20	T	Methylene Chloride	50.000	54.273	-8.5	116	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.501	-3.0	108	0.01
22	T	Diisopropyl ether	50.000	57.935	-15.9	122	0.01
23	T	Vinyl Acetate	250.000	277.003	-10.8	111	0.02
24	P	1,1-Dichloroethane	50.000	53.528	-7.1	115	0.01
25	T	2-Butanone	250.000	260.182	-4.1	102	0.02
26	T	2,2-Dichloropropane	50.000	43.906	12.2	95	0.02
27	T	cis-1,2-Dichloroethene	50.000	52.416	-4.8	111	0.02
28	T	Bromochloromethane	50.000	67.863	-35.7#	122	0.01
29	T	Tetrahydrofuran	250.000	270.056	-8.0	105	0.02
30	C	Chloroform	50.000	51.139	-2.3#	110	0.02
31	T	Cyclohexane	50.000	46.676	6.6	102	0.01
32	T	1,1,1-Trichloroethane	50.000	47.194	5.6	101	0.02
33	S	1,2-Dichloroethane-d4	50.000	57.904	-15.8	109	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.01
35	S	Dibromofluoromethane	50.000	55.068	-10.1	114	0.01
36	T	1,1-Dichloropropene	50.000	47.675	4.7	104	0.01
37	T	Ethyl Acetate	50.000	51.723	-3.4	108	0.02
38	T	Carbon Tetrachloride	50.000	44.725	10.5	99	0.02
39	T	Methylcyclohexane	50.000	45.158	9.7	97	0.01
40	TM	Benzene	50.000	50.985	-2.0	112	0.01
41	T	Methacrylonitrile	50.000	55.458	-10.9	110	0.02
42	TM	1,2-Dichloroethane	50.000	50.524	-1.0	108	0.01
43	T	Isopropyl Acetate	50.000	51.405	-2.8	107	0.01
44	TM	Trichloroethene	50.000	47.608	4.8	106	0.01
45	C	1,2-Dichloropropane	50.000	52.939	-5.9#	117	0.01
46	T	Dibromomethane	50.000	51.461	-2.9	111	0.00
47	T	Bromodichloromethane	50.000	50.288	-0.6	110	0.01
48	T	Methyl methacrylate	50.000	50.962	-1.9	102	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1033.399	-3.3	101	0.02
50	S	Toluene-d8	50.000	58.178	-16.4	111	0.01
51	T	4-Methyl-2-Pentanone	250.000	257.313	-2.9	104	0.01
52	CM	Toluene	50.000	50.323	-0.6#	110	0.01
53	T	t-1,3-Dichloropropene	50.000	50.456	-0.9	106	0.01
54	T	cis-1,3-Dichloropropene	50.000	50.582	-1.2	110	0.01
55	T	1,1,2-Trichloroethane	50.000	49.910	0.2	111	0.00
56	T	Ethyl methacrylate	50.000	52.885	-5.8	109	0.00
57	T	1,3-Dichloropropane	50.000	51.862	-3.7	111	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	258.011	-3.2	102	0.01
59	T	2-Hexanone	250.000	260.660	-4.3	103	0.01
60	T	Dibromochloromethane	50.000	50.181	-0.4	109	0.01
61	T	1,2-Dibromoethane	50.000	50.948	-1.9	110	0.01
62	S	4-Bromofluorobenzene	50.000	54.257	-8.5	113	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.01
64	T	Tetrachloroethene	50.000	44.754	10.5	101	0.00
65	PM	Chlorobenzene	50.000	48.681	2.6	111	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	46.843	6.3	108	0.01
67	C	Ethyl Benzene	50.000	48.061	3.9#	108	0.01
68	T	m/p-Xylenes	100.000	95.265	4.7	108	0.00
69	T	o-Xylene	50.000	48.877	2.2	112	0.01
70	T	Styrene	50.000	48.983	2.0	110	0.00
71	P	Bromoform	50.000	47.469	5.1	104	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.01
73	T	Isopropylbenzene	50.000	45.771	8.5	106	0.01
74	T	N-amyl acetate	50.000	50.076	-0.2	106	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	48.502	3.0	107	0.00
76	T	1,2,3-Trichloropropane	50.000	50.397	-0.8	120	0.01
77	T	Bromobenzene	50.000	47.844	4.3	111	0.01
78	T	n-propylbenzene	50.000	46.072	7.9	106	0.01
79	T	2-Chlorotoluene	50.000	46.913	6.2	109	0.01
80	T	1,3,5-Trimethylbenzene	50.000	46.370	7.3	107	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	44.731	10.5	94	0.00
82	T	4-Chlorotoluene	50.000	46.528	6.9	109	0.01
83	T	tert-Butylbenzene	50.000	44.847	10.3	105	0.01
84	T	1,2,4-Trimethylbenzene	50.000	47.157	5.7	108	0.01
85	T	sec-Butylbenzene	50.000	45.057	9.9	103	0.00
86	T	p-Isopropyltoluene	50.000	45.223	9.6	104	0.00
87	T	1,3-Dichlorobenzene	50.000	46.793	6.4	109	0.01
88	T	1,4-Dichlorobenzene	50.000	46.837	6.3	110	0.01
89	T	n-Butylbenzene	50.000	46.472	7.1	106	0.01
90	T	Hexachloroethane	50.000	44.648	10.7	106	0.01
91	T	1,2-Dichlorobenzene	50.000	47.333	5.3	110	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.732	10.5	103	0.01
93	T	1,2,4-Trichlorobenzene	50.000	49.431	1.1	111	0.01
94	T	Hexachlorobutadiene	50.000	46.397	7.2	110	0.01
95	T	Naphthalene	50.000	48.951	2.1	108	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.041	3.9	111	0.01

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