Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021128.D
Acq On : 06 Feb 2025 21:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 02:39:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	51.185	-2.4	108	0.00
3	P	Chloromethane	50.000	57.974	-15.9	128	0.00
4	C	Vinyl Chloride	50.000	60.904	-21.8#	134	0.00
5	T	Bromomethane	50.000	58.013	-16.0	130	0.00
6	T	Chloroethane	50.000	61.557	-23.1	134	0.00
7	T	Trichlorofluoromethane	50.000	54.864	-9.7	118	0.00
8	T	Diethyl Ether	50.000	58.981	-18.0	130	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.927	-3.9	112	0.00
10	T	Methyl Iodide	50.000	55.977	-12.0	113	0.00
11	T	Tert butyl alcohol	250.000	280.628	-12.3	129	0.00
12	CM	1,1-Dichloroethene	50.000	54.070	-8.1#	116	0.00
13	T	Acrolein	250.000	236.798	5.3	102	0.00
14	T	Allyl chloride	50.000	56.331	-12.7	119	0.00
15	T	Acrylonitrile	250.000	306.396	-22.6	128	0.00
16	T	Acetone	250.000	307.331	-22.9	134	0.00
17	T	Carbon Disulfide	50.000	53.562	-7.1	115	0.00
18	T	Methyl Acetate	50.000	62.902	-25.8#	130	0.00
19	T	Methyl tert-butyl Ether	50.000	59.483	-19.0	125	0.00
20	T	Methylene Chloride	50.000	56.916	-13.8	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.770	-9.5	116	0.00
22	T	Diisopropyl ether	50.000	58.358	-16.7	123	0.00
23	T	Vinyl Acetate	250.000	301.447	-20.6	124	0.00
24	P	1,1-Dichloroethane	50.000	55.454	-10.9	120	0.00
25	T	2-Butanone	250.000	317.914	-27.2#	131	0.00
26	T	2,2-Dichloropropane	50.000	47.124	5.8	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.180	-12.4	120	0.00
28	T	Bromochloromethane	50.000	60.415	-20.8	119	0.00
29	T	Tetrahydrofuran	250.000	321.741	-28.7#	132	0.00
30	C	Chloroform	50.000	55.702	-11.4#	119	0.00
31	T	Cyclohexane	50.000	50.934	-1.9	114	0.00
32	T	1,1,1-Trichloroethane	50.000	52.706	-5.4	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.959	0.1	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	47.257	5.5	107	0.00
36	T	1,1-Dichloropropene	50.000	50.294	-0.6	114	0.00
37	T	Ethyl Acetate	50.000	59.370	-18.7	130	0.00
38	T	Carbon Tetrachloride	50.000	49.713	0.6	111	0.00
39	T	Methylcyclohexane	50.000	51.928	-3.9	113	0.00
40	TM	Benzene	50.000	52.677	-5.4	118	0.00
41	T	Methacrylonitrile	50.000	51.804	-3.6	124	0.00
42	TM	1,2-Dichloroethane	50.000	54.485	-9.0	123	0.00
43	T	Isopropyl Acetate	50.000	58.847	-17.7	127	0.00
44	TM	Trichloroethene	50.000	51.172	-2.3	117	0.00
45	C	1,2-Dichloropropane	50.000	53.872	-7.7#	121	0.00
46	T	Dibromomethane	50.000	54.616	-9.2	122	0.00
47	T	Bromodichloromethane	50.000	53.755	-7.5	121	0.00
48	T	Methyl methacrylate	50.000	59.654	-19.3	129	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1234.675	-23.5	132	0.00
50	S	Toluene-d8	50.000	46.779	6.4	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	304.572	-21.8	130	0.00
52	CM	Toluene	50.000	53.109	-6.2#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	54.420	-8.8	118	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.231	-6.5	117	0.00
55	T	1,1,2-Trichloroethane	50.000	54.741	-9.5	122	0.00
56	T	Ethyl methacrylate	50.000	60.284	-20.6	125	0.00
57	T	1,3-Dichloropropane	50.000	55.851	-11.7	123	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	238.588	4.6	101	0.00
59	T	2-Hexanone	250.000	313.561	-25.4#	129	0.00
60	T	Dibromochloromethane	50.000	53.930	-7.9	121	0.00
61	T	1,2-Dibromoethane	50.000	54.727	-9.5	119	0.00
62	S	4-Bromofluorobenzene	50.000	49.258	1.5	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	48.493	3.0	111	0.00
65	PM	Chlorobenzene	50.000	50.756	-1.5	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.108	-2.2	118	0.00
67	C	Ethyl Benzene	50.000	51.389	-2.8#	116	0.00
68	T	m/p-Xylenes	100.000	102.342	-2.3	115	0.00
69	T	o-Xylene	50.000	52.722	-5.4	118	0.00
70	T	Styrene	50.000	53.412	-6.8	118	0.00
71	P	Bromoform	50.000	53.685	-7.4	122	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	50.881	-1.8	115	0.00
74	T	N-amyl acetate	50.000	59.184	-18.4	126	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.223	-8.4	123	0.00
76	T	1,2,3-Trichloropropane	50.000	55.480	-11.0	120	0.00
77	T	Bromobenzene	50.000	50.637	-1.3	117	0.00
78	T	n-propylbenzene	50.000	50.242	-0.5	113	0.00
79	T	2-Chlorotoluene	50.000	50.300	-0.6	114	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.516	-1.0	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.345	-0.7	111	0.00
82	T	4-Chlorotoluene	50.000	50.808	-1.6	116	0.00
83	T	tert-Butylbenzene	50.000	51.675	-3.3	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.671	-3.3	115	0.00
85	T	sec-Butylbenzene	50.000	49.894	0.2	113	0.00
86	T	p-Isopropyltoluene	50.000	49.507	1.0	110	0.00
87	T	1,3-Dichlorobenzene	50.000	49.708	0.6	113	0.00
88	T	1,4-Dichlorobenzene	50.000	49.561	0.9	113	0.00
89	T	n-Butylbenzene	50.000	49.903	0.2	110	0.00
90	T	Hexachloroethane	50.000	49.251	1.5	112	0.00
91	T	1,2-Dichlorobenzene	50.000	50.280	-0.6	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.444	-10.9	123	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.123	-2.2	108	0.00
94	T	Hexachlorobutadiene	50.000	45.652	8.7	101	0.00
95	T	Naphthalene	50.000	59.189	-18.4	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.961	-3.9	109	0.00

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