Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021731.D
Acq On : 01 Apr 2025 10:13
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: Apr 02 03:21:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	112	0.00
2	T	Dichlorodifluoromethane	50.000	48.547	2.9	111	0.00
3	P	Chloromethane	50.000	45.323	9.4	107	0.00
4	C	Vinyl Chloride	50.000	46.900	6.2#	108	0.00
5	T	Bromomethane	50.000	45.709	8.6	112	0.00
6	T	Chloroethane	50.000	45.918	8.2	108	0.00
7	T	Trichlorofluoromethane	50.000	49.366	1.3	115	0.00
8	T	Diethyl Ether	50.000	48.310	3.4	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.077	-0.2	117	0.00
10	T	Methyl Iodide	50.000	52.351	-4.7	109	0.00
11	T	Tert butyl alcohol	250.000	225.735	9.7	105	0.00
12	CM	1,1-Dichloroethene	50.000	50.166	-0.3#	115	0.00
13	T	Acrolein	250.000	142.192	43.1#	65	0.00
14	T	Allyl chloride	50.000	48.883	2.2	109	0.00
15	T	Acrylonitrile	250.000	238.441	4.6	106	-0.01
16	T	Acetone	250.000	199.954	20.0	93	0.00
17	T	Carbon Disulfide	50.000	48.433	3.1	111	0.00
18	T	Methyl Acetate	50.000	52.162	-4.3	121	0.00
19	T	Methyl tert-butyl Ether	50.000	50.590	-1.2	112	0.00
20	T	Methylene Chloride	50.000	52.656	-5.3	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.474	-0.9	115	0.00
22	T	Diisopropyl ether	50.000	49.759	0.5	109	0.00
23	T	Vinyl Acetate	250.000	244.119	2.4	105	0.00
24	P	1,1-Dichloroethane	50.000	49.622	0.8	112	0.00
25	T	2-Butanone	250.000	224.955	10.0	100	0.00
26	T	2,2-Dichloropropane	50.000	49.566	0.9	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.514	-3.0	115	0.00
28	T	Bromochloromethane	50.000	45.407	9.2	106	0.00
29	T	Tetrahydrofuran	250.000	238.865	4.5	104	0.00
30	C	Chloroform	50.000	49.822	0.4#	113	0.00
31	T	Cyclohexane	50.000	47.893	4.2	112	0.00
32	T	1,1,1-Trichloroethane	50.000	49.940	0.1	114	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.014	6.0	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	49.401	1.2	107	0.00
36	T	1,1-Dichloropropene	50.000	50.689	-1.4	113	0.00
37	T	Ethyl Acetate	50.000	46.847	6.3	105	-0.01
38	T	Carbon Tetrachloride	50.000	51.515	-3.0	117	0.00
39	T	Methylcyclohexane	50.000	53.177	-6.4	114	0.00
40	TM	Benzene	50.000	50.353	-0.7	112	0.00
41	T	Methacrylonitrile	50.000	48.231	3.5	99	-0.02
42	TM	1,2-Dichloroethane	50.000	48.971	2.1	110	0.00
43	T	Isopropyl Acetate	50.000	48.688	2.6	108	0.00
44	TM	Trichloroethene	50.000	51.597	-3.2	117	0.00
45	C	1,2-Dichloropropane	50.000	50.563	-1.1#	113	0.00
46	T	Dibromomethane	50.000	49.889	0.2	115	0.00
47	T	Bromodichloromethane	50.000	50.556	-1.1	114	0.00
48	T	Methyl methacrylate	50.000	49.779	0.4	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1019.727	-2.0	112	0.00
50	S	Toluene-d8	50.000	49.740	0.5	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.928	2.0	106	0.00
52	CM	Toluene	50.000	52.098	-4.2#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	51.562	-3.1	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.675	-1.3	111	0.00
55	T	1,1,2-Trichloroethane	50.000	51.351	-2.7	115	0.00
56	T	Ethyl methacrylate	50.000	53.145	-6.3	109	0.00
57	T	1,3-Dichloropropane	50.000	50.545	-1.1	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.293	-4.5	106	0.00
59	T	2-Hexanone	250.000	242.897	2.8	103	0.00
60	T	Dibromochloromethane	50.000	52.056	-4.1	115	0.00
61	T	1,2-Dibromoethane	50.000	51.510	-3.0	112	0.00
62	S	4-Bromofluorobenzene	50.000	50.479	-1.0	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	51.108	-2.2	116	0.00
65	PM	Chlorobenzene	50.000	50.741	-1.5	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.410	-2.8	114	0.00
67	C	Ethyl Benzene	50.000	52.616	-5.2#	113	0.00
68	T	m/p-Xylenes	100.000	105.148	-5.1	112	0.00
69	T	o-Xylene	50.000	53.570	-7.1	113	0.00
70	T	Styrene	50.000	54.619	-9.2	115	0.00
71	P	Bromoform	50.000	51.793	-3.6	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	52.872	-5.7	113	0.00
74	T	N-amyl acetate	50.000	49.600	0.8	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.393	3.2	109	0.00
76	T	1,2,3-Trichloropropane	50.000	49.498	1.0	109	0.00
77	T	Bromobenzene	50.000	51.092	-2.2	113	0.00
78	T	n-propylbenzene	50.000	52.863	-5.7	113	0.00
79	T	2-Chlorotoluene	50.000	51.750	-3.5	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.071	-6.1	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.188	-0.4	108	0.00
82	T	4-Chlorotoluene	50.000	51.186	-2.4	111	0.00
83	T	tert-Butylbenzene	50.000	53.141	-6.3	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.796	-5.6	112	0.00
85	T	sec-Butylbenzene	50.000	53.059	-6.1	113	0.00
86	T	p-Isopropyltoluene	50.000	53.853	-7.7	113	0.00
87	T	1,3-Dichlorobenzene	50.000	51.450	-2.9	114	0.00
88	T	1,4-Dichlorobenzene	50.000	50.410	-0.8	111	0.00
89	T	n-Butylbenzene	50.000	53.515	-7.0	113	0.00
90	T	Hexachloroethane	50.000	50.349	-0.7	113	0.00
91	T	1,2-Dichlorobenzene	50.000	51.280	-2.6	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.978	4.0	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.551	-9.1	114	0.00
94	T	Hexachlorobutadiene	50.000	52.955	-5.9	116	0.00
95	T	Naphthalene	50.000	55.186	-10.4	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.436	-6.9	112	0.00

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