Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
Data File : VY020789.D
Acq On : 07 Jan 2025 09:41
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: Jan 08 00:51:11 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	116	0.02
2	T	Dichlorodifluoromethane	50.000	45.353	9.3	107	0.01
3	P	Chloromethane	50.000	49.678	0.6	117	0.01
4	C	Vinyl Chloride	50.000	53.843	-7.7#	123	0.01
5	T	Bromomethane	50.000	43.167	13.7	104	0.02
6	T	Chloroethane	50.000	51.627	-3.3	118	0.01
7	T	Trichlorofluoromethane	50.000	48.784	2.4	113	0.02
8	T	Diethyl Ether	50.000	51.421	-2.8	116	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.663	4.7	111	0.02
10	T	Methyl Iodide	50.000	52.342	-4.7	114	0.02
11	T	Tert butyl alcohol	250.000	217.723	12.9	102	0.05
12	CM	1,1-Dichloroethene	50.000	49.874	0.3#	112	0.02
13	T	Acrolein	250.000	128.049	48.8#	103	0.02
14	T	Allyl chloride	50.000	51.004	-2.0	117	0.03
15	T	Acrylonitrile	250.000	256.090	-2.4	110	0.04
16	T	Acetone	250.000	241.863	3.3	105	0.03
17	T	Carbon Disulfide	50.000	52.600	-5.2	113	0.02
18	T	Methyl Acetate	50.000	53.886	-7.8	113	0.02
19	T	Methyl tert-butyl Ether	50.000	50.287	-0.6	112	0.02
20	T	Methylene Chloride	50.000	49.773	0.5	115	0.02
21	T	trans-1,2-Dichloroethene	50.000	49.404	1.2	113	0.02
22	T	Diisopropyl ether	50.000	52.354	-4.7	120	0.02
23	T	Vinyl Acetate	250.000	263.963	-5.6	116	0.02
24	P	1,1-Dichloroethane	50.000	48.986	2.0	114	0.02
25	T	2-Butanone	250.000	251.075	-0.4	107	0.03
26	T	2,2-Dichloropropane	50.000	47.260	5.5	111	0.03
27	T	cis-1,2-Dichloroethene	50.000	48.943	2.1	113	0.03
28	T	Bromochloromethane	50.000	61.000	-22.0	119	0.02
29	T	Tetrahydrofuran	250.000	260.157	-4.1	110	0.02
30	C	Chloroform	50.000	47.598	4.8#	111	0.02
31	T	Cyclohexane	50.000	47.474	5.1	113	0.02
32	T	1,1,1-Trichloroethane	50.000	46.301	7.4	108	0.02
33	S	1,2-Dichloroethane-d4	50.000	55.367	-10.7	113	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.01
35	S	Dibromofluoromethane	50.000	54.061	-8.1	117	0.02
36	T	1,1-Dichloropropene	50.000	48.949	2.1	111	0.02
37	T	Ethyl Acetate	50.000	53.232	-6.5	116	0.02
38	T	Carbon Tetrachloride	50.000	47.405	5.2	109	0.02
39	T	Methylcyclohexane	50.000	49.822	0.4	112	0.01
40	TM	Benzene	50.000	49.818	0.4	114	0.02
41	T	Methacrylonitrile	50.000	56.309	-12.6	116	0.02
42	TM	1,2-Dichloroethane	50.000	49.416	1.2	110	0.02
43	T	Isopropyl Acetate	50.000	53.092	-6.2	115	0.02
44	TM	Trichloroethene	50.000	48.114	3.8	111	0.01
45	C	1,2-Dichloropropane	50.000	50.808	-1.6#	117	0.02
46	T	Dibromomethane	50.000	50.771	-1.5	114	0.01
47	T	Bromodichloromethane	50.000	48.945	2.1	112	0.02
48	T	Methyl methacrylate	50.000	52.044	-4.1	108	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1015.211	-1.5	103	0.02
50	S	Toluene-d8	50.000	57.644	-15.3	114	0.02
51	T	4-Methyl-2-Pentanone	250.000	263.620	-5.4	110	0.02
52	CM	Toluene	50.000	48.839	2.3#	111	0.01
53	T	t-1,3-Dichloropropene	50.000	50.193	-0.4	110	0.01
54	T	cis-1,3-Dichloropropene	50.000	50.875	-1.8	115	0.01
55	T	1,1,2-Trichloroethane	50.000	49.829	0.3	115	0.01
56	T	Ethyl methacrylate	50.000	52.829	-5.7	113	0.01
57	T	1,3-Dichloropropane	50.000	50.159	-0.3	112	0.02
58	T	2-Chloroethyl Vinyl ether	250.000	284.203	-13.7	117	0.02
59	T	2-Hexanone	250.000	268.789	-7.5	110	0.01
60	T	Dibromochloromethane	50.000	48.683	2.6	110	0.01
61	T	1,2-Dibromoethane	50.000	49.860	0.3	112	0.01
62	S	4-Bromofluorobenzene	50.000	53.681	-7.4	117	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.01
64	T	Tetrachloroethene	50.000	46.971	6.1	107	0.01
65	PM	Chlorobenzene	50.000	48.443	3.1	112	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	48.068	3.9	111	0.01
67	C	Ethyl Benzene	50.000	48.810	2.4#	111	0.01
68	T	m/p-Xylenes	100.000	95.983	4.0	110	0.01
69	T	o-Xylene	50.000	48.261	3.5	111	0.01
70	T	Styrene	50.000	48.506	3.0	110	0.01
71	P	Bromoform	50.000	48.556	2.9	108	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.01
73	T	Isopropylbenzene	50.000	47.322	5.4	108	0.02
74	T	N-amyl acetate	50.000	53.492	-7.0	112	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	50.328	-0.7	110	0.01
76	T	1,2,3-Trichloropropane	50.000	47.245	5.5	111	0.01
77	T	Bromobenzene	50.000	47.833	4.3	110	0.01
78	T	n-propylbenzene	50.000	48.093	3.8	110	0.02
79	T	2-Chlorotoluene	50.000	47.200	5.6	108	0.01
80	T	1,3,5-Trimethylbenzene	50.000	47.618	4.8	109	0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	51.296	-2.6	107	0.01
82	T	4-Chlorotoluene	50.000	47.351	5.3	109	0.01
83	T	tert-Butylbenzene	50.000	48.500	3.0	112	0.01
84	T	1,2,4-Trimethylbenzene	50.000	48.047	3.9	108	0.01
85	T	sec-Butylbenzene	50.000	47.420	5.2	107	0.01
86	T	p-Isopropyltoluene	50.000	47.179	5.6	107	0.01
87	T	1,3-Dichlorobenzene	50.000	47.120	5.8	108	0.01
88	T	1,4-Dichlorobenzene	50.000	46.906	6.2	109	0.01
89	T	n-Butylbenzene	50.000	47.823	4.4	108	0.01
90	T	Hexachloroethane	50.000	45.514	9.0	107	0.01
91	T	1,2-Dichlorobenzene	50.000	46.831	6.3	108	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.981	2.0	111	0.01
93	T	1,2,4-Trichlorobenzene	50.000	49.291	1.4	109	0.01
94	T	Hexachlorobutadiene	50.000	47.134	5.7	110	0.01
95	T	Naphthalene	50.000	51.160	-2.3	111	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.183	3.6	110	0.01

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