Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
Data File : VY021995.D
Acq On : 24 Apr 2025 12:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 25 01:23:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	46.613	6.8	91	0.00
3	P	Chloromethane	50.000	52.646	-5.3	95	0.00
4	C	Vinyl Chloride	50.000	50.813	-1.6#	93	0.00
5	T	Bromomethane	50.000	49.513	1.0	96	0.00
6	T	Chloroethane	50.000	50.700	-1.4	93	0.00
7	T	Trichlorofluoromethane	50.000	50.494	-1.0	93	0.00
8	T	Diethyl Ether	50.000	47.018	6.0	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.098	3.8	94	0.00
10	T	Methyl Iodide	50.000	53.500	-7.0	94	0.00
11	T	Tert butyl alcohol	250.000	221.882	11.2	77	0.00
12	CM	1,1-Dichloroethene	50.000	49.411	1.2#	93	0.00
13	T	Acrolein	250.000	194.247	22.3	75	0.00
14	T	Allyl chloride	50.000	50.526	-1.1	94	0.00
15	T	Acrylonitrile	250.000	245.701	1.7	88	0.00
16	T	Acetone	250.000	249.262	0.3	86	0.00
17	T	Carbon Disulfide	50.000	50.220	-0.4	96	0.00
18	T	Methyl Acetate	50.000	52.755	-5.5	91	0.00
19	T	Methyl tert-butyl Ether	50.000	50.244	-0.5	88	0.00
20	T	Methylene Chloride	50.000	46.888	6.2	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.449	-2.9	96	0.00
22	T	Diisopropyl ether	50.000	53.065	-6.1	95	0.00
23	T	Vinyl Acetate	250.000	255.651	-2.3	89	0.00
24	P	1,1-Dichloroethane	50.000	50.912	-1.8	96	0.00
25	T	2-Butanone	250.000	237.214	5.1	85	0.00
26	T	2,2-Dichloropropane	50.000	49.916	0.2	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.595	-3.2	94	0.00
28	T	Bromochloromethane	50.000	52.072	-4.1	94	0.00
29	T	Tetrahydrofuran	250.000	248.429	0.6	83	0.00
30	C	Chloroform	50.000	51.458	-2.9#	96	0.00
31	T	Cyclohexane	50.000	49.053	1.9	95	0.00
32	T	1,1,1-Trichloroethane	50.000	50.300	-0.6	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.821	-3.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	53.241	-6.5	95	0.00
36	T	1,1-Dichloropropene	50.000	51.650	-3.3	96	0.00
37	T	Ethyl Acetate	50.000	49.552	0.9	87	0.00
38	T	Carbon Tetrachloride	50.000	50.839	-1.7	94	0.00
39	T	Methylcyclohexane	50.000	51.377	-2.8	93	0.00
40	TM	Benzene	50.000	52.603	-5.2	97	0.00
41	T	Methacrylonitrile	50.000	43.247	13.5	73	0.00
42	TM	1,2-Dichloroethane	50.000	51.792	-3.6	94	0.00
43	T	Isopropyl Acetate	50.000	50.070	-0.1	87	0.00
44	TM	Trichloroethene	50.000	50.602	-1.2	94	0.00
45	C	1,2-Dichloropropane	50.000	52.059	-4.1#	95	0.00
46	T	Dibromomethane	50.000	51.468	-2.9	94	0.00
47	T	Bromodichloromethane	50.000	53.262	-6.5	96	0.00
48	T	Methyl methacrylate	50.000	49.994	0.0	84	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1004.054	-0.4	90	0.00
50	S	Toluene-d8	50.000	55.215	-10.4	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.080	-3.6	86	0.00
52	CM	Toluene	50.000	54.316	-8.6#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	52.933	-5.9	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.421	-4.8	94	0.00
55	T	1,1,2-Trichloroethane	50.000	52.570	-5.1	93	0.00
56	T	Ethyl methacrylate	50.000	53.268	-6.5	88	0.00
57	T	1,3-Dichloropropane	50.000	52.307	-4.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.610	-12.2	89	0.00
59	T	2-Hexanone	250.000	262.019	-4.8	86	0.00
60	T	Dibromochloromethane	50.000	52.626	-5.3	94	0.00
61	T	1,2-Dibromoethane	50.000	52.328	-4.7	93	0.00
62	S	4-Bromofluorobenzene	50.000	54.922	-9.8	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	49.850	0.3	95	0.00
65	PM	Chlorobenzene	50.000	50.605	-1.2	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.860	-3.7	97	0.00
67	C	Ethyl Benzene	50.000	52.542	-5.1#	96	0.00
68	T	m/p-Xylenes	100.000	106.866	-6.9	98	0.00
69	T	o-Xylene	50.000	53.164	-6.3	95	0.00
70	T	Styrene	50.000	54.419	-8.8	97	0.00
71	P	Bromoform	50.000	50.319	-0.6	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	51.210	-2.4	96	0.00
74	T	N-amyl acetate	50.000	47.463	5.1	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.198	5.6	91	0.00
76	T	1,2,3-Trichloropropane	50.000	45.586	8.8	90	0.00
77	T	Bromobenzene	50.000	50.032	-0.1	96	0.00
78	T	n-propylbenzene	50.000	51.190	-2.4	96	0.00
79	T	2-Chlorotoluene	50.000	50.824	-1.6	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.339	-2.7	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.042	5.9	89	0.00
82	T	4-Chlorotoluene	50.000	50.837	-1.7	96	0.00
83	T	tert-Butylbenzene	50.000	51.063	-2.1	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.999	-4.0	96	0.00
85	T	sec-Butylbenzene	50.000	50.778	-1.6	95	0.00
86	T	p-Isopropyltoluene	50.000	51.181	-2.4	95	0.00
87	T	1,3-Dichlorobenzene	50.000	49.449	1.1	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.646	2.7	95	0.00
89	T	n-Butylbenzene	50.000	49.712	0.6	93	0.00
90	T	Hexachloroethane	50.000	48.384	3.2	96	0.00
91	T	1,2-Dichlorobenzene	50.000	49.302	1.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.563	8.9	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.344	5.3	91	0.00
94	T	Hexachlorobutadiene	50.000	45.822	8.4	93	0.00
95	T	Naphthalene	50.000	47.852	4.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.548	4.9	92	0.00

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