Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017509.D
Acq On : 27 Feb 2024 20:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 00:22:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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	86	0.00
2	T	Dichlorodifluoromethane	50.000	47.241	5.5	83	0.00
3	P	Chloromethane	50.000	44.541	10.9	78	0.00
4	C	Vinyl Chloride	50.000	45.245	9.5#	78	0.00
5	T	Bromomethane	50.000	49.529	0.9	88	0.00
6	T	Chloroethane	50.000	47.512	5.0	80	0.00
7	T	Trichlorofluoromethane	50.000	48.335	3.3	83	0.00
8	T	Diethyl Ether	50.000	51.353	-2.7	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.558	-1.1	85	0.00
10	T	Methyl Iodide	50.000	44.133	11.7	69	0.00
11	T	Tert butyl alcohol	250.000	195.349	21.9	73	0.00
12	CM	1,1-Dichloroethene	50.000	51.011	-2.0#	86	0.00
13	T	Acrolein	250.000	222.477	11.0	76	0.00
14	T	Allyl chloride	50.000	49.877	0.2	81	0.00
15	T	Acrylonitrile	250.000	256.333	-2.5	82	0.00
16	T	Acetone	250.000	227.930	8.8	75	0.00
17	T	Carbon Disulfide	50.000	50.403	-0.8	84	0.00
18	T	Methyl Acetate	50.000	55.418	-10.8	86	0.00
19	T	Methyl tert-butyl Ether	50.000	51.801	-3.6	81	0.00
20	T	Methylene Chloride	50.000	56.800	-13.6	90	0.01
21	T	trans-1,2-Dichloroethene	50.000	51.654	-3.3	85	0.00
22	T	Diisopropyl ether	50.000	52.395	-4.8	83	0.00
23	T	Vinyl Acetate	250.000	256.995	-2.8	80	0.00
24	P	1,1-Dichloroethane	50.000	51.249	-2.5	85	0.00
25	T	2-Butanone	250.000	245.264	1.9	77	0.00
26	T	2,2-Dichloropropane	50.000	47.393	5.2	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.081	-6.2	86	0.00
28	T	Bromochloromethane	50.000	52.545	-5.1	104	0.00
29	T	Tetrahydrofuran	250.000	263.476	-5.4	81	0.00
30	C	Chloroform	50.000	52.547	-5.1#	87	0.00
31	T	Cyclohexane	50.000	48.453	3.1	82	0.00
32	T	1,1,1-Trichloroethane	50.000	52.106	-4.2	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.825	0.3	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	51.900	-3.8	89	0.00
36	T	1,1-Dichloropropene	50.000	52.211	-4.4	85	0.00
37	T	Ethyl Acetate	50.000	50.392	-0.8	81	0.00
38	T	Carbon Tetrachloride	50.000	53.238	-6.5	86	0.00
39	T	Methylcyclohexane	50.000	52.262	-4.5	82	0.00
40	TM	Benzene	50.000	53.248	-6.5	86	0.00
41	T	Methacrylonitrile	50.000	51.903	-3.8	78	-0.01
42	TM	1,2-Dichloroethane	50.000	51.556	-3.1	83	0.00
43	T	Isopropyl Acetate	50.000	51.841	-3.7	80	0.00
44	TM	Trichloroethene	50.000	52.138	-4.3	86	0.00
45	C	1,2-Dichloropropane	50.000	52.077	-4.2#	84	0.00
46	T	Dibromomethane	50.000	52.585	-5.2	85	0.00
47	T	Bromodichloromethane	50.000	53.260	-6.5	85	0.00
48	T	Methyl methacrylate	50.000	53.405	-6.8	81	0.00

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
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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	1036.079	-3.6	80	0.00
50	S	Toluene-d8	50.000	56.099	-12.2	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.763	-6.7	82	0.00
52	CM	Toluene	50.000	53.156	-6.3#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	51.499	-3.0	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.818	-3.6	82	0.00
55	T	1,1,2-Trichloroethane	50.000	52.956	-5.9	86	0.00
56	T	Ethyl methacrylate	50.000	49.959	0.1	80	0.00
57	T	1,3-Dichloropropane	50.000	52.379	-4.8	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.981	-8.8	99	0.00
59	T	2-Hexanone	250.000	263.874	-5.5	78	0.00
60	T	Dibromochloromethane	50.000	54.191	-8.4	85	0.00
61	T	1,2-Dibromoethane	50.000	53.202	-6.4	84	0.00
62	S	4-Bromofluorobenzene	50.000	54.623	-9.2	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	52.125	-4.3	85	0.00
65	PM	Chlorobenzene	50.000	53.292	-6.6	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.664	-9.3	87	0.00
67	C	Ethyl Benzene	50.000	54.612	-9.2#	85	0.00
68	T	m/p-Xylenes	100.000	110.202	-10.2	86	0.00
69	T	o-Xylene	50.000	55.790	-11.6	85	0.00
70	T	Styrene	50.000	55.545	-11.1	84	0.00
71	P	Bromoform	50.000	55.891	-11.8	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	55.120	-10.2	85	0.00
74	T	N-amyl acetate	50.000	54.846	-9.7	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.348	-12.7	87	0.00
76	T	1,2,3-Trichloropropane	50.000	50.309	-0.6	81	0.00
77	T	Bromobenzene	50.000	54.501	-9.0	86	0.00
78	T	n-propylbenzene	50.000	54.679	-9.4	84	0.00
79	T	2-Chlorotoluene	50.000	53.818	-7.6	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.245	-10.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.528	-3.1	79	0.00
82	T	4-Chlorotoluene	50.000	53.058	-6.1	84	0.00
83	T	tert-Butylbenzene	50.000	56.307	-12.6	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.955	-9.9	84	0.00
85	T	sec-Butylbenzene	50.000	55.236	-10.5	84	0.00
86	T	p-Isopropyltoluene	50.000	54.908	-9.8	83	0.00
87	T	1,3-Dichlorobenzene	50.000	53.335	-6.7	84	0.00
88	T	1,4-Dichlorobenzene	50.000	53.188	-6.4	83	0.00
89	T	n-Butylbenzene	50.000	53.835	-7.7	80	0.00
90	T	Hexachloroethane	50.000	53.872	-7.7	85	0.00
91	T	1,2-Dichlorobenzene	50.000	54.854	-9.7	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.920	-5.8	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.550	-7.1	80	0.00
94	T	Hexachlorobutadiene	50.000	52.618	-5.2	84	0.00
95	T	Naphthalene	50.000	49.117	1.8	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.535	-7.1	79	0.00

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