Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014395.D
Acq On : 22 Jun 2023 21:29
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 23 05:02:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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	80	0.00
2	T	Dichlorodifluoromethane	50.000	40.448	19.1	67	0.00
3	P	Chloromethane	50.000	44.613	10.8	76	0.00
4	C	Vinyl Chloride	50.000	40.423	19.2#	67	0.00
5	T	Bromomethane	50.000	1032.268	-1964.5#	1896	-0.01
6	T	Chloroethane	50.000	41.934	16.1	73	0.00
7	T	Trichlorofluoromethane	50.000	47.693	4.6	79	0.00
8	T	Diethyl Ether	50.000	48.752	2.5	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.622	8.8	73	0.00
10	T	Methyl Iodide	50.000	92.378	-84.8#	145	0.00
11	T	Tert butyl alcohol	250.000	277.045	-10.8	97	0.00
12	CM	1,1-Dichloroethene	50.000	46.396	7.2#	77	0.00
13	T	Acrolein	250.000	281.685	-12.7	89	0.00
14	T	Allyl chloride	50.000	44.318	11.4	72	0.00
15	T	Acrylonitrile	250.000	281.538	-12.6	95	0.00
16	T	Acetone	250.000	221.984	11.2	84	0.00
17	T	Carbon Disulfide	50.000	42.013	16.0	70	0.00
18	T	Methyl Acetate	50.000	51.969	-3.9	92	0.00
19	T	Methyl tert-butyl Ether	50.000	54.678	-9.4	87	0.00
20	T	Methylene Chloride	50.000	54.238	-8.5	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.462	1.1	80	0.00
22	T	Diisopropyl ether	50.000	50.574	-1.1	81	0.01
23	T	Vinyl Acetate	250.000	260.937	-4.4	85	0.00
24	P	1,1-Dichloroethane	50.000	49.518	1.0	82	0.00
25	T	2-Butanone	250.000	276.356	-10.5	99	0.00
26	T	2,2-Dichloropropane	50.000	47.148	5.7	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.423	-4.8	87	0.00
28	T	Bromochloromethane	50.000	43.419	13.2	76	0.00
29	T	Tetrahydrofuran	250.000	289.224	-15.7	101	0.00
30	C	Chloroform	50.000	53.809	-7.6#	89	0.00
31	T	Cyclohexane	50.000	44.563	10.9	75	0.00
32	T	1,1,1-Trichloroethane	50.000	52.119	-4.2	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.833	-1.7	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	53.618	-7.2	92	0.00
36	T	1,1-Dichloropropene	50.000	49.043	1.9	81	0.00
37	T	Ethyl Acetate	50.000	53.241	-6.5	90	0.00
38	T	Carbon Tetrachloride	50.000	52.633	-5.3	86	0.01
39	T	Methylcyclohexane	50.000	47.862	4.3	76	0.00
40	TM	Benzene	50.000	50.899	-1.8	85	0.00
41	T	Methacrylonitrile	50.000	44.232	11.5	84	0.00
42	TM	1,2-Dichloroethane	50.000	54.664	-9.3	93	0.00
43	T	Isopropyl Acetate	50.000	54.447	-8.9	92	0.00
44	TM	Trichloroethene	50.000	52.025	-4.0	85	0.00
45	C	1,2-Dichloropropane	50.000	49.727	0.5#	83	0.00
46	T	Dibromomethane	50.000	52.922	-5.8	90	0.00
47	T	Bromodichloromethane	50.000	54.321	-8.6	90	0.00
48	T	Methyl methacrylate	50.000	55.292	-10.6	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1278.292	-27.8#	105	-0.02
50	S	Toluene-d8	50.000	47.943	4.1	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.523	-16.2	98	0.00
52	CM	Toluene	50.000	53.161	-6.3#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	53.229	-6.5	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.187	-2.4	86	0.00
55	T	1,1,2-Trichloroethane	50.000	55.856	-11.7	94	0.00
56	T	Ethyl methacrylate	50.000	57.958	-15.9	93	0.00
57	T	1,3-Dichloropropane	50.000	53.628	-7.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.296	-6.1	91	0.00
59	T	2-Hexanone	250.000	293.964	-17.6	101	0.00
60	T	Dibromochloromethane	50.000	57.747	-15.5	97	0.00
61	T	1,2-Dibromoethane	50.000	55.424	-10.8	94	0.00
62	S	4-Bromofluorobenzene	50.000	56.535	-13.1	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	58.449	-16.9	102	0.00
65	PM	Chlorobenzene	50.000	51.089	-2.2	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.285	-6.6	92	0.00
67	C	Ethyl Benzene	50.000	52.053	-4.1#	88	0.00
68	T	m/p-Xylenes	100.000	105.414	-5.4	90	0.00
69	T	o-Xylene	50.000	54.126	-8.3	92	0.00
70	T	Styrene	50.000	55.446	-10.9	94	0.00
71	P	Bromoform	50.000	57.700	-15.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	47.203	5.6	90	0.00
74	T	N-amyl acetate	50.000	49.074	1.9	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.064	3.9	97	0.00
76	T	1,2,3-Trichloropropane	50.000	45.509	9.0	86	0.00
77	T	Bromobenzene	50.000	47.936	4.1	94	0.00
78	T	n-propylbenzene	50.000	46.853	6.3	89	0.00
79	T	2-Chlorotoluene	50.000	47.660	4.7	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.141	3.7	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.037	3.9	94	0.00
82	T	4-Chlorotoluene	50.000	47.213	5.6	92	0.00
83	T	tert-Butylbenzene	50.000	47.672	4.7	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.407	3.2	93	0.00
85	T	sec-Butylbenzene	50.000	47.745	4.5	91	0.00
86	T	p-Isopropyltoluene	50.000	47.582	4.8	91	0.00
87	T	1,3-Dichlorobenzene	50.000	48.348	3.3	96	0.00
88	T	1,4-Dichlorobenzene	50.000	47.983	4.0	96	0.00
89	T	n-Butylbenzene	50.000	47.325	5.3	91	0.00
90	T	Hexachloroethane	50.000	47.452	5.1	94	0.00
91	T	1,2-Dichlorobenzene	50.000	49.646	0.7	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.284	-4.6	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.619	2.8	97	0.00
94	T	Hexachlorobutadiene	50.000	48.467	3.1	95	0.00
95	T	Naphthalene	50.000	52.442	-4.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.805	2.4	100	0.00

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