Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014593.D
Acq On : 06 Jul 2023 17:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 07 06:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	47.209	5.6	78	0.00
3	P	Chloromethane	50.000	48.188	3.6	84	0.00
4	C	Vinyl Chloride	50.000	50.883	-1.8#	88	-0.02
5	T	Bromomethane	50.000	47.581	4.8	86	-0.03
6	T	Chloroethane	50.000	51.243	-2.5	87	-0.02
7	T	Trichlorofluoromethane	50.000	46.917	6.2	81	-0.02
8	T	Diethyl Ether	50.000	48.932	2.1	81	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.452	1.1	85	-0.02
10	T	Methyl Iodide	50.000	46.354	7.3	72	-0.02
11	T	Tert butyl alcohol	250.000	251.339	-0.5	84	-0.01
12	CM	1,1-Dichloroethene	50.000	47.959	4.1#	80	-0.02
13	T	Acrolein	250.000	188.233	24.7	62	-0.01
14	T	Allyl chloride	50.000	50.629	-1.3	83	-0.02
15	T	Acrylonitrile	250.000	268.862	-7.5	85	-0.02
16	T	Acetone	250.000	247.606	1.0	81	-0.02
17	T	Carbon Disulfide	50.000	47.623	4.8	79	-0.02
18	T	Methyl Acetate	50.000	55.136	-10.3	91	-0.02
19	T	Methyl tert-butyl Ether	50.000	52.069	-4.1	83	-0.01
20	T	Methylene Chloride	50.000	54.498	-9.0	87	-0.02
21	T	trans-1,2-Dichloroethene	50.000	48.203	3.6	79	-0.02
22	T	Diisopropyl ether	50.000	52.148	-4.3	82	-0.01
23	T	Vinyl Acetate	250.000	264.074	-5.6	80	-0.02
24	P	1,1-Dichloroethane	50.000	49.219	1.6	81	-0.02
25	T	2-Butanone	250.000	263.528	-5.4	82	-0.01
26	T	2,2-Dichloropropane	50.000	43.947	12.1	75	-0.02
27	T	cis-1,2-Dichloroethene	50.000	48.419	3.2	78	-0.01
28	T	Bromochloromethane	50.000	50.916	-1.8	84	-0.01
29	T	Tetrahydrofuran	250.000	278.926	-11.6	85	-0.01
30	C	Chloroform	50.000	48.980	2.0#	81	-0.01
31	T	Cyclohexane	50.000	46.996	6.0	80	-0.01
32	T	1,1,1-Trichloroethane	50.000	47.242	5.5	79	-0.01
33	S	1,2-Dichloroethane-d4	50.000	55.662	-11.3	91	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	-0.01
35	S	Dibromofluoromethane	50.000	56.329	-12.7	89	-0.01
36	T	1,1-Dichloropropene	50.000	49.776	0.4	81	-0.02
37	T	Ethyl Acetate	50.000	53.695	-7.4	83	-0.01
38	T	Carbon Tetrachloride	50.000	48.221	3.6	79	-0.01
39	T	Methylcyclohexane	50.000	50.034	-0.1	80	-0.01
40	TM	Benzene	50.000	48.454	3.1	78	-0.01
41	T	Methacrylonitrile	50.000	61.211	-22.4	96	0.00
42	TM	1,2-Dichloroethane	50.000	51.624	-3.2	83	-0.01
43	T	Isopropyl Acetate	50.000	53.358	-6.7	83	-0.01
44	TM	Trichloroethene	50.000	47.825	4.3	78	0.00
45	C	1,2-Dichloropropane	50.000	51.235	-2.5#	83	0.00
46	T	Dibromomethane	50.000	51.370	-2.7	82	-0.01
47	T	Bromodichloromethane	50.000	50.486	-1.0	81	0.00
48	T	Methyl methacrylate	50.000	56.022	-12.0	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1110.680	-11.1	80	-0.02
50	S	Toluene-d8	50.000	54.322	-8.6	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.653	-9.9	83	0.00
52	CM	Toluene	50.000	48.156	3.7#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	49.693	0.6	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.654	0.7	79	0.00
55	T	1,1,2-Trichloroethane	50.000	50.723	-1.4	80	-0.01
56	T	Ethyl methacrylate	50.000	52.744	-5.5	80	-0.01
57	T	1,3-Dichloropropane	50.000	50.954	-1.9	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.188	-13.3	84	0.00
59	T	2-Hexanone	250.000	280.858	-12.3	84	0.00
60	T	Dibromochloromethane	50.000	50.755	-1.5	81	0.00
61	T	1,2-Dibromoethane	50.000	51.456	-2.9	81	-0.01
62	S	4-Bromofluorobenzene	50.000	55.589	-11.2	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	47.369	5.3	79	0.00
65	PM	Chlorobenzene	50.000	47.452	5.1	78	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	48.346	3.3	80	0.00
67	C	Ethyl Benzene	50.000	48.182	3.6#	78	0.00
68	T	m/p-Xylenes	100.000	94.783	5.2	76	0.00
69	T	o-Xylene	50.000	47.890	4.2	77	0.00
70	T	Styrene	50.000	48.718	2.6	77	0.00
71	P	Bromoform	50.000	49.948	0.1	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	48.125	3.8	77	0.00
74	T	N-amyl acetate	50.000	52.056	-4.1	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.846	-3.7	83	0.00
76	T	1,2,3-Trichloropropane	50.000	48.526	2.9	79	0.00
77	T	Bromobenzene	50.000	48.177	3.6	78	0.00
78	T	n-propylbenzene	50.000	49.855	0.3	80	0.00
79	T	2-Chlorotoluene	50.000	48.968	2.1	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.918	2.2	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.789	4.4	77	0.00
82	T	4-Chlorotoluene	50.000	48.224	3.6	79	0.00
83	T	tert-Butylbenzene	50.000	46.627	6.7	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.086	1.8	78	0.00
85	T	sec-Butylbenzene	50.000	49.415	1.2	80	0.00
86	T	p-Isopropyltoluene	50.000	48.885	2.2	78	0.00
87	T	1,3-Dichlorobenzene	50.000	47.616	4.8	79	0.00
88	T	1,4-Dichlorobenzene	50.000	46.967	6.1	78	0.00
89	T	n-Butylbenzene	50.000	49.777	0.4	81	0.00
90	T	Hexachloroethane	50.000	49.598	0.8	83	0.00
91	T	1,2-Dichlorobenzene	50.000	48.276	3.4	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.147	-6.3	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.104	1.8	79	0.00
94	T	Hexachlorobutadiene	50.000	49.855	0.3	83	0.00
95	T	Naphthalene	50.000	50.559	-1.1	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.366	-0.7	81	0.00

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