Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
Data File : VY014225.D
Acq On : 16 Jun 2023 23:48
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 17 01:53:06 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	81	0.01
2	T	Dichlorodifluoromethane	50.000	44.019	12.0	73	0.00
3	P	Chloromethane	50.000	44.834	10.3	77	0.00
4	C	Vinyl Chloride	50.000	46.109	7.8#	77	0.00
5	T	Bromomethane	50.000	42.371	15.3	79	0.00
6	T	Chloroethane	50.000	45.604	8.8	80	0.00
7	T	Trichlorofluoromethane	50.000	50.297	-0.6	84	0.00
8	T	Diethyl Ether	50.000	51.391	-2.8	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.132	-4.3	84	0.00
10	T	Methyl Iodide	50.000	50.316	-0.6	80	0.00
11	T	Tert butyl alcohol	250.000	227.705	8.9	81	0.00
12	CM	1,1-Dichloroethene	50.000	49.160	1.7#	82	0.00
13	T	Acrolein	250.000	236.530	5.4	76	0.01
14	T	Allyl chloride	50.000	49.703	0.6	82	0.00
15	T	Acrylonitrile	250.000	277.361	-10.9	94	0.00
16	T	Acetone	250.000	223.314	10.7	85	0.00
17	T	Carbon Disulfide	50.000	48.215	3.6	81	0.00
18	T	Methyl Acetate	50.000	55.507	-11.0	100	0.00
19	T	Methyl tert-butyl Ether	50.000	52.553	-5.1	85	0.01
20	T	Methylene Chloride	50.000	67.167	-34.3#	106	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.094	-0.2	81	0.01
22	T	Diisopropyl ether	50.000	54.329	-8.7	88	0.01
23	T	Vinyl Acetate	250.000	271.559	-8.6	89	0.00
24	P	1,1-Dichloroethane	50.000	52.293	-4.6	88	0.02
25	T	2-Butanone	250.000	278.593	-11.4	101	0.00
26	T	2,2-Dichloropropane	50.000	46.952	6.1	79	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.525	-5.0	89	0.01
28	T	Bromochloromethane	50.000	48.777	2.4	86	0.01
29	T	Tetrahydrofuran	250.000	293.322	-17.3	103	0.01
30	C	Chloroform	50.000	54.342	-8.7#	91	0.00
31	T	Cyclohexane	50.000	51.198	-2.4	87	0.00
32	T	1,1,1-Trichloroethane	50.000	52.045	-4.1	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.711	2.6	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	54.873	-9.7	94	0.01
36	T	1,1-Dichloropropene	50.000	52.295	-4.6	86	0.00
37	T	Ethyl Acetate	50.000	54.323	-8.6	92	0.01
38	T	Carbon Tetrachloride	50.000	53.051	-6.1	86	0.01
39	T	Methylcyclohexane	50.000	52.557	-5.1	83	0.00
40	TM	Benzene	50.000	53.720	-7.4	89	0.01
41	T	Methacrylonitrile	50.000	58.539	-17.1	111	0.00
42	TM	1,2-Dichloroethane	50.000	54.539	-9.1	92	0.00
43	T	Isopropyl Acetate	50.000	55.465	-10.9	93	0.00
44	TM	Trichloroethene	50.000	53.153	-6.3	87	0.00
45	C	1,2-Dichloropropane	50.000	54.006	-8.0#	90	0.01
46	T	Dibromomethane	50.000	55.732	-11.5	95	0.00
47	T	Bromodichloromethane	50.000	54.743	-9.5	91	0.00
48	T	Methyl methacrylate	50.000	56.864	-13.7	96	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	1199.634	-20.0	98	-0.02
50	S	Toluene-d8	50.000	48.092	3.8	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.556	-17.4	99	0.00
52	CM	Toluene	50.000	54.453	-8.9#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	53.382	-6.8	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.006	-6.0	89	0.00
55	T	1,1,2-Trichloroethane	50.000	56.626	-13.3	95	0.00
56	T	Ethyl methacrylate	50.000	55.437	-10.9	89	0.00
57	T	1,3-Dichloropropane	50.000	54.703	-9.4	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.822	-7.1	92	0.00
59	T	2-Hexanone	250.000	290.518	-16.2	100	0.00
60	T	Dibromochloromethane	50.000	56.108	-12.2	94	0.00
61	T	1,2-Dibromoethane	50.000	55.042	-10.1	93	0.00
62	S	4-Bromofluorobenzene	50.000	55.634	-11.3	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	59.416	-18.8	106	0.00
65	PM	Chlorobenzene	50.000	50.633	-1.3	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.776	-3.6	91	0.00
67	C	Ethyl Benzene	50.000	52.378	-4.8#	91	0.00
68	T	m/p-Xylenes	100.000	105.728	-5.7	92	0.00
69	T	o-Xylene	50.000	53.483	-7.0	92	0.00
70	T	Styrene	50.000	54.223	-8.4	94	0.00
71	P	Bromoform	50.000	53.254	-6.5	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	50.787	-1.6	91	0.00
74	T	N-amyl acetate	50.000	52.284	-4.6	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.550	-1.1	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.504	-1.0	90	0.00
77	T	Bromobenzene	50.000	50.386	-0.8	93	0.00
78	T	n-propylbenzene	50.000	51.293	-2.6	92	0.00
79	T	2-Chlorotoluene	50.000	50.891	-1.8	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.589	-3.2	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.072	5.9	87	0.00
82	T	4-Chlorotoluene	50.000	50.669	-1.3	93	0.00
83	T	tert-Butylbenzene	50.000	50.480	-1.0	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.077	-4.2	94	0.00
85	T	sec-Butylbenzene	50.000	51.301	-2.6	92	0.00
86	T	p-Isopropyltoluene	50.000	50.555	-1.1	91	0.00
87	T	1,3-Dichlorobenzene	50.000	49.878	0.2	93	0.00
88	T	1,4-Dichlorobenzene	50.000	50.475	-1.0	95	0.00
89	T	n-Butylbenzene	50.000	51.342	-2.7	92	0.00
90	T	Hexachloroethane	50.000	51.310	-2.6	95	0.00
91	T	1,2-Dichlorobenzene	50.000	51.338	-2.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.567	-3.1	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.196	-0.4	94	0.00
94	T	Hexachlorobutadiene	50.000	50.923	-1.8	94	0.00
95	T	Naphthalene	50.000	52.129	-4.3	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.793	-1.6	98	0.00

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