Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
Data File : VY012835.D
Acq On : 06 Mar 2023 19:39
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: Mar 07 04:28:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	45.563	8.9	82	0.00
3	P	Chloromethane	50.000	45.117	9.8	83	0.00
4	C	Vinyl Chloride	50.000	48.876	2.2#	85	0.00
5	T	Bromomethane	50.000	50.810	-1.6	90	0.00
6	T	Chloroethane	50.000	52.161	-4.3	90	0.00
7	T	Trichlorofluoromethane	50.000	49.272	1.5	87	0.00
8	T	Diethyl Ether	50.000	49.667	0.7	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.443	1.1	86	0.00
10	T	Methyl Iodide	50.000	51.028	-2.1	82	0.00
11	T	Tert butyl alcohol	250.000	276.197	-10.5	94	0.00
12	CM	1,1-Dichloroethene	50.000	50.155	-0.3#	86	0.00
13	T	Acrolein	250.000	271.274	-8.5	94	0.00
14	T	Allyl chloride	50.000	44.527	10.9	75	0.00
15	T	Acrylonitrile	250.000	267.959	-7.2	91	0.00
16	T	Acetone	250.000	253.708	-1.5	80	0.00
17	T	Carbon Disulfide	50.000	48.659	2.7	84	0.00
18	T	Methyl Acetate	50.000	49.179	1.6	83	0.00
19	T	Methyl tert-butyl Ether	50.000	53.742	-7.5	89	0.00
20	T	Methylene Chloride	50.000	55.859	-11.7	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.322	-2.6	88	0.00
22	T	Diisopropyl ether	50.000	52.054	-4.1	87	0.00
23	T	Vinyl Acetate	250.000	268.670	-7.5	88	0.00
24	P	1,1-Dichloroethane	50.000	50.964	-1.9	87	0.00
25	T	2-Butanone	250.000	262.089	-4.8	85	0.00
26	T	2,2-Dichloropropane	50.000	49.067	1.9	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.308	-8.6	91	0.00
28	T	Bromochloromethane	50.000	52.031	-4.1	87	0.00
29	T	Tetrahydrofuran	250.000	273.018	-9.2	89	0.00
30	C	Chloroform	50.000	54.099	-8.2#	92	0.00
31	T	Cyclohexane	50.000	46.253	7.5	81	0.00
32	T	1,1,1-Trichloroethane	50.000	52.140	-4.3	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.354	5.3	82	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	49.725	0.5	84	0.00
36	T	1,1-Dichloropropene	50.000	50.898	-1.8	85	0.00
37	T	Ethyl Acetate	50.000	54.395	-8.8	94	0.00
38	T	Carbon Tetrachloride	50.000	53.625	-7.2	89	0.00
39	T	Methylcyclohexane	50.000	51.293	-2.6	83	0.00
40	TM	Benzene	50.000	53.986	-8.0	90	0.00
41	T	Methacrylonitrile	50.000	55.631	-11.3	92	0.00
42	TM	1,2-Dichloroethane	50.000	55.200	-10.4	91	0.00
43	T	Isopropyl Acetate	50.000	54.717	-9.4	89	0.00
44	TM	Trichloroethene	50.000	53.555	-7.1	89	0.00
45	C	1,2-Dichloropropane	50.000	53.128	-6.3#	90	0.00
46	T	Dibromomethane	50.000	56.612	-13.2	93	0.00
47	T	Bromodichloromethane	50.000	55.030	-10.1	92	0.00
48	T	Methyl methacrylate	50.000	56.405	-12.8	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1235.573	-23.6	101	0.00
50	S	Toluene-d8	50.000	48.087	3.8	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	286.353	-14.5	91	0.00
52	CM	Toluene	50.000	55.498	-11.0#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	55.673	-11.3	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.842	-9.7	90	0.00
55	T	1,1,2-Trichloroethane	50.000	57.339	-14.7	96	0.00
56	T	Ethyl methacrylate	50.000	58.533	-17.1	92	0.00
57	T	1,3-Dichloropropane	50.000	56.568	-13.1	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.207	-16.5	92	0.00
59	T	2-Hexanone	250.000	290.019	-16.0	91	0.00
60	T	Dibromochloromethane	50.000	57.806	-15.6	96	0.00
61	T	1,2-Dibromoethane	50.000	56.393	-12.8	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.026	-2.1	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	52.671	-5.3	92	0.00
65	PM	Chlorobenzene	50.000	53.304	-6.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.299	-6.6	92	0.00
67	C	Ethyl Benzene	50.000	53.693	-7.4#	91	0.00
68	T	m/p-Xylenes	100.000	108.088	-8.1	91	0.00
69	T	o-Xylene	50.000	54.583	-9.2	93	0.00
70	T	Styrene	50.000	56.267	-12.5	93	0.00
71	P	Bromoform	50.000	56.922	-13.8	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	52.935	-5.9	92	0.00
74	T	N-amyl acetate	50.000	52.972	-5.9	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.636	-9.3	97	0.00
76	T	1,2,3-Trichloropropane	50.000	44.391	11.2	79	0.00
77	T	Bromobenzene	50.000	53.461	-6.9	95	0.00
78	T	n-propylbenzene	50.000	52.908	-5.8	92	0.00
79	T	2-Chlorotoluene	50.000	52.564	-5.1	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.144	-6.3	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.170	-4.3	91	0.00
82	T	4-Chlorotoluene	50.000	52.666	-5.3	92	0.00
83	T	tert-Butylbenzene	50.000	53.513	-7.0	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.382	-8.8	94	0.00
85	T	sec-Butylbenzene	50.000	53.006	-6.0	93	0.00
86	T	p-Isopropyltoluene	50.000	53.930	-7.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	53.682	-7.4	95	0.00
88	T	1,4-Dichlorobenzene	50.000	52.219	-4.4	93	0.00
89	T	n-Butylbenzene	50.000	52.442	-4.9	91	0.00
90	T	Hexachloroethane	50.000	51.953	-3.9	94	0.00
91	T	1,2-Dichlorobenzene	50.000	54.548	-9.1	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.241	-10.5	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.982	-6.0	92	0.00
94	T	Hexachlorobutadiene	50.000	50.730	-1.5	93	0.00
95	T	Naphthalene	50.000	56.899	-13.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.407	-6.8	93	0.00

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