Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
Data File : VY013053.D
Acq On : 22 Mar 2023 16:41
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 23 05:24:35 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	51.948	-3.9	94	0.00
3	P	Chloromethane	50.000	41.749	16.5	78	0.00
4	C	Vinyl Chloride	50.000	46.496	7.0#	82	0.00
5	T	Bromomethane	50.000	52.184	-4.4	93	0.00
6	T	Chloroethane	50.000	51.099	-2.2	89	-0.01
7	T	Trichlorofluoromethane	50.000	45.329	9.3	81	0.00
8	T	Diethyl Ether	50.000	55.931	-11.9	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.217	-6.4	94	0.00
10	T	Methyl Iodide	50.000	52.569	-5.1	86	0.00
11	T	Tert butyl alcohol	250.000	299.102	-19.6	103	0.00
12	CM	1,1-Dichloroethene	50.000	52.350	-4.7#	91	0.00
13	T	Acrolein	250.000	201.000	19.6	71	0.00
14	T	Allyl chloride	50.000	52.987	-6.0	91	0.00
15	T	Acrylonitrile	250.000	296.399	-18.6	102	0.00
16	T	Acetone	250.000	295.384	-18.2	94	0.00
17	T	Carbon Disulfide	50.000	49.701	0.6	87	0.00
18	T	Methyl Acetate	50.000	58.962	-17.9	101	0.00
19	T	Methyl tert-butyl Ether	50.000	59.118	-18.2	99	0.00
20	T	Methylene Chloride	50.000	57.715	-15.4	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.471	-8.9	94	0.00
22	T	Diisopropyl ether	50.000	60.363	-20.7	102	0.00
23	T	Vinyl Acetate	250.000	306.461	-22.6	101	0.00
24	P	1,1-Dichloroethane	50.000	55.580	-11.2	96	0.00
25	T	2-Butanone	250.000	311.961	-24.8	102	0.00
26	T	2,2-Dichloropropane	50.000	53.520	-7.0	94	-0.01
27	T	cis-1,2-Dichloroethene	50.000	56.907	-13.8	96	0.00
28	T	Bromochloromethane	50.000	53.474	-6.9	90	0.00
29	T	Tetrahydrofuran	250.000	320.107	-28.0#	106	0.00
30	C	Chloroform	50.000	57.193	-14.4#	98	0.00
31	T	Cyclohexane	50.000	50.147	-0.3	89	0.00
32	T	1,1,1-Trichloroethane	50.000	54.384	-8.8	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.370	1.3	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	50.766	-1.5	89	0.00
36	T	1,1-Dichloropropene	50.000	53.638	-7.3	94	0.00
37	T	Ethyl Acetate	50.000	59.656	-19.3	107	0.00
38	T	Carbon Tetrachloride	50.000	53.468	-6.9	93	0.00
39	T	Methylcyclohexane	50.000	52.133	-4.3	88	0.00
40	TM	Benzene	50.000	55.461	-10.9	96	0.00
41	T	Methacrylonitrile	50.000	57.235	-14.5	98	0.00
42	TM	1,2-Dichloroethane	50.000	57.753	-15.5	100	0.00
43	T	Isopropyl Acetate	50.000	60.378	-20.8	103	0.00
44	TM	Trichloroethene	50.000	54.074	-8.1	93	0.00
45	C	1,2-Dichloropropane	50.000	57.652	-15.3#	102	0.00
46	T	Dibromomethane	50.000	59.168	-18.3	101	0.00
47	T	Bromodichloromethane	50.000	57.108	-14.2	99	0.00
48	T	Methyl methacrylate	50.000	62.847	-25.7#	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1313.836	-31.4#	111	0.00
50	S	Toluene-d8	50.000	44.312	11.4	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	319.940	-28.0#	106	0.00
52	CM	Toluene	50.000	56.761	-13.5#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	58.340	-16.7	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.549	-15.1	98	0.00
55	T	1,1,2-Trichloroethane	50.000	57.962	-15.9	101	0.00
56	T	Ethyl methacrylate	50.000	61.881	-23.8	101	0.00
57	T	1,3-Dichloropropane	50.000	58.908	-17.8	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.687	-15.9	95	0.00
59	T	2-Hexanone	250.000	321.709	-28.7#	104	0.00
60	T	Dibromochloromethane	50.000	57.575	-15.2	100	0.00
61	T	1,2-Dibromoethane	50.000	58.135	-16.3	100	0.00
62	S	4-Bromofluorobenzene	50.000	51.722	-3.4	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	53.283	-6.6	96	0.00
65	PM	Chlorobenzene	50.000	53.694	-7.4	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.221	-10.4	99	0.00
67	C	Ethyl Benzene	50.000	54.344	-8.7#	96	0.00
68	T	m/p-Xylenes	100.000	109.782	-9.8	96	0.00
69	T	o-Xylene	50.000	55.346	-10.7	98	0.00
70	T	Styrene	50.000	56.863	-13.7	98	0.00
71	P	Bromoform	50.000	57.621	-15.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	50.965	-1.9	96	0.00
74	T	N-amyl acetate	50.000	56.799	-13.6	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.151	-8.3	104	0.00
76	T	1,2,3-Trichloropropane	50.000	50.542	-1.1	97	0.00
77	T	Bromobenzene	50.000	51.738	-3.5	99	0.00
78	T	n-propylbenzene	50.000	51.536	-3.1	96	0.00
79	T	2-Chlorotoluene	50.000	52.301	-4.6	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.988	-4.0	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.449	-6.9	101	0.00
82	T	4-Chlorotoluene	50.000	52.356	-4.7	99	0.00
83	T	tert-Butylbenzene	50.000	52.478	-5.0	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.159	-6.3	99	0.00
85	T	sec-Butylbenzene	50.000	51.126	-2.3	97	0.00
86	T	p-Isopropyltoluene	50.000	51.859	-3.7	97	0.00
87	T	1,3-Dichlorobenzene	50.000	52.171	-4.3	100	0.00
88	T	1,4-Dichlorobenzene	50.000	51.204	-2.4	99	0.00
89	T	n-Butylbenzene	50.000	51.461	-2.9	96	0.00
90	T	Hexachloroethane	50.000	50.599	-1.2	99	0.00
91	T	1,2-Dichlorobenzene	50.000	52.881	-5.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.513	-13.0	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.344	-2.7	96	0.00
94	T	Hexachlorobutadiene	50.000	48.457	3.1	96	0.00
95	T	Naphthalene	50.000	56.675	-13.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.015	-4.0	98	0.00

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