Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012982.D
Acq On : 16 Mar 2023 19:49
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 17 01:40:20 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	34	0.00
2	T	Dichlorodifluoromethane	50.000	42.859	14.3	30	0.00
3	P	Chloromethane	50.000	42.204	15.6	31	0.00
4	C	Vinyl Chloride	50.000	43.949	12.1#	30	0.00
5	T	Bromomethane	50.000	52.341	-4.7	37	0.00
6	T	Chloroethane	50.000	49.084	1.8	33	0.00
7	T	Trichlorofluoromethane	50.000	50.119	-0.2	35	0.00
8	T	Diethyl Ether	50.000	54.693	-9.4	37	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.158	-0.3	35	0.00
10	T	Methyl Iodide	50.000	41.109	17.8	26	0.00
11	T	Tert butyl alcohol	250.000	360.117	-44.0#	48	0.00
12	CM	1,1-Dichloroethene	50.000	49.044	1.9#	33	0.00
13	T	Acrolein	250.000	230.973	7.6	32	0.00
14	T	Allyl chloride	50.000	49.548	0.9	33	0.00
15	T	Acrylonitrile	250.000	327.625	-31.1#	44	0.00
16	T	Acetone	250.000	289.453	-15.8	36	0.00
17	T	Carbon Disulfide	50.000	41.629	16.7	29	0.00
18	T	Methyl Acetate	50.000	64.331	-28.7#	43	0.00
19	T	Methyl tert-butyl Ether	50.000	58.539	-17.1	38	0.00
20	T	Methylene Chloride	50.000	59.771	-19.5	39	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.033	-2.1	35	0.00
22	T	Diisopropyl ether	50.000	57.201	-14.4	38	0.00
23	T	Vinyl Acetate	250.000	299.435	-19.8	39	0.00
24	P	1,1-Dichloroethane	50.000	54.283	-8.6	37	0.00
25	T	2-Butanone	250.000	323.371	-29.3#	42	0.00
26	T	2,2-Dichloropropane	50.000	51.370	-2.7	36	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.718	-9.4	36	0.00
28	T	Bromochloromethane	50.000	54.340	-8.7	36	0.00
29	T	Tetrahydrofuran	250.000	336.158	-34.5#	44	0.00
30	C	Chloroform	50.000	58.264	-16.5#	39	0.00
31	T	Cyclohexane	50.000	44.277	11.4	31	0.00
32	T	1,1,1-Trichloroethane	50.000	54.447	-8.9	37	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.679	2.6	33	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	33	0.00
35	S	Dibromofluoromethane	50.000	49.371	1.3	33	0.00
36	T	1,1-Dichloropropene	50.000	51.375	-2.8	34	0.00
37	T	Ethyl Acetate	50.000	66.963	-33.9#	46	0.00
38	T	Carbon Tetrachloride	50.000	55.660	-11.3	37	0.00
39	T	Methylcyclohexane	50.000	47.203	5.6	31	0.00
40	TM	Benzene	50.000	53.749	-7.5	36	0.00
41	T	Methacrylonitrile	50.000	46.315	7.4	31	0.00
42	TM	1,2-Dichloroethane	50.000	59.385	-18.8	39	0.00
43	T	Isopropyl Acetate	50.000	63.370	-26.7#	41	0.00
44	TM	Trichloroethene	50.000	54.245	-8.5	36	0.00
45	C	1,2-Dichloropropane	50.000	56.985	-14.0#	39	0.00
46	T	Dibromomethane	50.000	62.427	-24.9	41	0.00
47	T	Bromodichloromethane	50.000	59.858	-19.7	40	0.00
48	T	Methyl methacrylate	50.000	61.110	-22.2	38	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1510.410	-51.0#	49	0.00
50	S	Toluene-d8	50.000	44.121	11.8	30	0.00
51	T	4-Methyl-2-Pentanone	250.000	343.854	-37.5#	44	0.00
52	CM	Toluene	50.000	55.393	-10.8#	36	0.00
53	T	t-1,3-Dichloropropene	50.000	58.684	-17.4	38	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.169	-16.3	38	0.00
55	T	1,1,2-Trichloroethane	50.000	63.086	-26.2#	42	0.00
56	T	Ethyl methacrylate	50.000	61.651	-23.3	38	0.00
57	T	1,3-Dichloropropane	50.000	62.040	-24.1	41	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	321.288	-28.5#	40	0.00
59	T	2-Hexanone	250.000	344.299	-37.7#	43	0.00
60	T	Dibromochloromethane	50.000	61.413	-22.8	41	0.00
61	T	1,2-Dibromoethane	50.000	61.628	-23.3	41	0.00
62	S	4-Bromofluorobenzene	50.000	49.286	1.4	33	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	35	0.00
64	T	Tetrachloroethene	50.000	53.845	-7.7	38	0.00
65	PM	Chlorobenzene	50.000	52.685	-5.4	37	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.921	-11.8	39	0.00
67	C	Ethyl Benzene	50.000	52.245	-4.5#	36	0.00
68	T	m/p-Xylenes	100.000	105.837	-5.8	36	0.00
69	T	o-Xylene	50.000	53.239	-6.5	37	0.00
70	T	Styrene	50.000	55.536	-11.1	37	0.00
71	P	Bromoform	50.000	61.914	-23.8	44	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	38	0.00
73	T	Isopropylbenzene	50.000	50.770	-1.5	37	0.00
74	T	N-amyl acetate	50.000	53.903	-7.8	39	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.957	-19.9	45	0.00
76	T	1,2,3-Trichloropropane	50.000	59.236	-18.5	44	0.00
77	T	Bromobenzene	50.000	52.149	-4.3	39	0.00
78	T	n-propylbenzene	50.000	51.398	-2.8	37	0.00
79	T	2-Chlorotoluene	50.000	51.090	-2.2	37	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.838	-3.7	38	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.226	-10.5	40	0.00
82	T	4-Chlorotoluene	50.000	51.636	-3.3	38	0.00
83	T	tert-Butylbenzene	50.000	52.410	-4.8	38	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.269	-4.5	38	0.00
85	T	sec-Butylbenzene	50.000	52.006	-4.0	38	0.00
86	T	p-Isopropyltoluene	50.000	51.637	-3.3	37	0.00
87	T	1,3-Dichlorobenzene	50.000	53.832	-7.7	40	0.00
88	T	1,4-Dichlorobenzene	50.000	51.908	-3.8	39	0.00
89	T	n-Butylbenzene	50.000	50.476	-1.0	37	0.00
90	T	Hexachloroethane	50.000	52.027	-4.1	39	0.00
91	T	1,2-Dichlorobenzene	50.000	54.115	-8.2	40	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	60.543	-21.1	44	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.450	5.1	34	0.00
94	T	Hexachlorobutadiene	50.000	49.328	1.3	38	0.00
95	T	Naphthalene	50.000	49.666	0.7	35	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.809	4.4	35	0.00

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