Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
Data File : VY015284.D
Acq On : 23 Aug 2023 15:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 24 02:32:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	44.811	10.4	62	0.00
3	P	Chloromethane	50.000	49.442	1.1	66	0.00
4	C	Vinyl Chloride	50.000	45.975	8.0#	66	0.00
5	T	Bromomethane	50.000	51.322	-2.6	67	0.00
6	T	Chloroethane	50.000	51.141	-2.3	71	0.00
7	T	Trichlorofluoromethane	50.000	49.137	1.7	71	0.00
8	T	Diethyl Ether	50.000	52.737	-5.5	74	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.773	0.5	71	0.00
10	T	Methyl Iodide	50.000	47.611	4.8	62	0.00
11	T	Tert butyl alcohol	250.000	263.565	-5.4	73	0.02
12	CM	1,1-Dichloroethene	50.000	48.713	2.6#	68	0.00
13	T	Acrolein	250.000	179.872	28.1#	58	0.00
14	T	Allyl chloride	50.000	51.162	-2.3	70	0.00
15	T	Acrylonitrile	250.000	286.165	-14.5	79	0.00
16	T	Acetone	250.000	275.034	-10.0	73	0.00
17	T	Carbon Disulfide	50.000	43.784	12.4	59	0.00
18	T	Methyl Acetate	50.000	56.718	-13.4	78	0.00
19	T	Methyl tert-butyl Ether	50.000	52.789	-5.6	73	0.00
20	T	Methylene Chloride	50.000	61.866	-23.7	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.111	1.8	68	0.00
22	T	Diisopropyl ether	50.000	53.588	-7.2	74	0.00
23	T	Vinyl Acetate	250.000	267.461	-7.0	73	0.00
24	P	1,1-Dichloroethane	50.000	53.111	-6.2	74	0.00
25	T	2-Butanone	250.000	276.805	-10.7	76	0.00
26	T	2,2-Dichloropropane	50.000	48.280	3.4	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.471	-4.9	73	0.00
28	T	Bromochloromethane	50.000	51.886	-3.8	73	0.00
29	T	Tetrahydrofuran	250.000	272.521	-9.0	75	0.00
30	C	Chloroform	50.000	52.276	-4.6#	73	0.00
31	T	Cyclohexane	50.000	50.379	-0.8	67	0.00
32	T	1,1,1-Trichloroethane	50.000	50.714	-1.4	71	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.721	-13.4	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35	S	Dibromofluoromethane	50.000	58.146	-16.3	77	0.00
36	T	1,1-Dichloropropene	50.000	50.428	-0.9	70	0.00
37	T	Ethyl Acetate	50.000	54.589	-9.2	77	0.00
38	T	Carbon Tetrachloride	50.000	49.264	1.5	69	0.00
39	T	Methylcyclohexane	50.000	48.031	3.9	67	0.00
40	TM	Benzene	50.000	52.089	-4.2	72	0.00
41	T	Methacrylonitrile	50.000	52.956	-5.9	68	0.00
42	TM	1,2-Dichloroethane	50.000	52.992	-6.0	73	0.00
43	T	Isopropyl Acetate	50.000	54.033	-8.1	74	0.00
44	TM	Trichloroethene	50.000	50.864	-1.7	71	0.00
45	C	1,2-Dichloropropane	50.000	53.654	-7.3#	74	0.00
46	T	Dibromomethane	50.000	52.969	-5.9	72	0.00
47	T	Bromodichloromethane	50.000	53.741	-7.5	73	0.00
48	T	Methyl methacrylate	50.000	55.477	-11.0	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1081.063	-8.1	73	0.00
50	S	Toluene-d8	50.000	56.287	-12.6	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.112	-15.2	78	0.00
52	CM	Toluene	50.000	51.881	-3.8#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	51.664	-3.3	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.650	-3.3	71	0.00
55	T	1,1,2-Trichloroethane	50.000	54.724	-9.4	76	0.00
56	T	Ethyl methacrylate	50.000	55.002	-10.0	74	0.00
57	T	1,3-Dichloropropane	50.000	54.567	-9.1	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.971	-3.6	73	0.00
59	T	2-Hexanone	250.000	287.271	-14.9	77	0.00
60	T	Dibromochloromethane	50.000	54.158	-8.3	73	0.00
61	T	1,2-Dibromoethane	50.000	53.735	-7.5	74	0.00
62	S	4-Bromofluorobenzene	50.000	55.556	-11.1	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	51.113	-2.2	72	0.00
65	PM	Chlorobenzene	50.000	52.051	-4.1	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.524	-5.0	73	0.00
67	C	Ethyl Benzene	50.000	50.657	-1.3#	72	0.00
68	T	m/p-Xylenes	100.000	101.491	-1.5	71	0.00
69	T	o-Xylene	50.000	51.221	-2.4	72	0.00
70	T	Styrene	50.000	52.275	-4.5	73	0.00
71	P	Bromoform	50.000	51.448	-2.9	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
73	T	Isopropylbenzene	50.000	49.798	0.4	72	0.00
74	T	N-amyl acetate	50.000	52.525	-5.0	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.667	-9.3	78	0.00
76	T	1,2,3-Trichloropropane	50.000	51.892	-3.8	76	0.00
77	T	Bromobenzene	50.000	50.257	-0.5	73	0.00
78	T	n-propylbenzene	50.000	50.285	-0.6	73	0.00
79	T	2-Chlorotoluene	50.000	50.058	-0.1	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.827	0.3	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.939	-1.9	70	0.00
82	T	4-Chlorotoluene	50.000	50.414	-0.8	73	0.00
83	T	tert-Butylbenzene	50.000	50.578	-1.2	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.926	0.1	71	0.00
85	T	sec-Butylbenzene	50.000	50.506	-1.0	73	0.00
86	T	p-Isopropyltoluene	50.000	50.193	-0.4	72	0.00
87	T	1,3-Dichlorobenzene	50.000	50.907	-1.8	74	0.00
88	T	1,4-Dichlorobenzene	50.000	50.662	-1.3	73	0.00
89	T	n-Butylbenzene	50.000	50.742	-1.5	73	0.00
90	T	Hexachloroethane	50.000	48.778	2.4	71	0.00
91	T	1,2-Dichlorobenzene	50.000	51.793	-3.6	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.247	-6.5	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.765	-3.5	74	0.00
94	T	Hexachlorobutadiene	50.000	49.386	1.2	73	0.00
95	T	Naphthalene	50.000	52.278	-4.6	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.493	-5.0	76	0.00

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