Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015585.D
Acq On : 15 Sep 2023 22:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 15 23:20:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	96	0.01
2	T	Dichlorodifluoromethane	50.000	44.402	11.2	81	0.00
3	P	Chloromethane	50.000	44.257	11.5	80	0.00
4	C	Vinyl Chloride	50.000	43.369	13.3#	79	0.01
5	T	Bromomethane	50.000	43.863	12.3	80	0.01
6	T	Chloroethane	50.000	47.382	5.2	87	0.00
7	T	Trichlorofluoromethane	50.000	46.517	7.0	86	0.01
8	T	Diethyl Ether	50.000	57.081	-14.2	102	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.735	-1.5	93	0.00
10	T	Methyl Iodide	50.000	50.419	-0.8	87	0.01
11	T	Tert butyl alcohol	250.000	247.827	0.9	94	0.04
12	CM	1,1-Dichloroethene	50.000	49.239	1.5#	91	0.01
13	T	Acrolein	250.000	237.553	5.0	77	0.02
14	T	Allyl chloride	50.000	54.283	-8.6	97	0.01
15	T	Acrylonitrile	250.000	318.147	-27.3#	109	0.01
16	T	Acetone	250.000	290.568	-16.2	90	0.02
17	T	Carbon Disulfide	50.000	39.703	20.6	72	0.01
18	T	Methyl Acetate	50.000	71.694	-43.4#	123	0.02
19	T	Methyl tert-butyl Ether	50.000	58.219	-16.4	102	0.02
20	T	Methylene Chloride	50.000	69.271	-38.5#	124	0.02
21	T	trans-1,2-Dichloroethene	50.000	50.554	-1.1	92	0.02
22	T	Diisopropyl ether	50.000	58.858	-17.7	107	0.02
23	T	Vinyl Acetate	250.000	269.924	-8.0	94	0.02
24	P	1,1-Dichloroethane	50.000	55.051	-10.1	102	0.02
25	T	2-Butanone	250.000	307.438	-23.0	100	0.02
26	T	2,2-Dichloropropane	50.000	49.131	1.7	91	0.02
27	T	cis-1,2-Dichloroethene	50.000	54.799	-9.6	99	0.02
28	T	Bromochloromethane	50.000	55.542	-11.1	106	0.02
29	T	Tetrahydrofuran	250.000	317.497	-27.0#	108	0.02
30	C	Chloroform	50.000	55.407	-10.8#	102	0.02
31	T	Cyclohexane	50.000	44.332	11.3	85	0.01
32	T	1,1,1-Trichloroethane	50.000	53.056	-6.1	97	0.02
33	S	1,2-Dichloroethane-d4	50.000	49.071	1.9	94	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.01
35	S	Dibromofluoromethane	50.000	49.048	1.9	96	0.01
36	T	1,1-Dichloropropene	50.000	47.719	4.6	92	0.01
37	T	Ethyl Acetate	50.000	59.539	-19.1	107	0.02
38	T	Carbon Tetrachloride	50.000	48.317	3.4	93	0.01
39	T	Methylcyclohexane	50.000	44.346	11.3	85	0.01
40	TM	Benzene	50.000	51.180	-2.4	97	0.02
41	T	Methacrylonitrile	50.000	53.458	-6.9	95	0.00
42	TM	1,2-Dichloroethane	50.000	52.256	-4.5	98	0.00
43	T	Isopropyl Acetate	50.000	58.198	-16.4	105	0.02
44	TM	Trichloroethene	50.000	51.224	-2.4	99	0.01
45	C	1,2-Dichloropropane	50.000	55.091	-10.2#	104	0.00
46	T	Dibromomethane	50.000	53.464	-6.9	100	0.02
47	T	Bromodichloromethane	50.000	54.956	-9.9	103	0.01
48	T	Methyl methacrylate	50.000	57.756	-15.5	102	0.01

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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	1214.254	-21.4	109	0.03
50	S	Toluene-d8	50.000	44.461	11.1	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	315.082	-26.0#	111	0.00
52	CM	Toluene	50.000	51.379	-2.8#	97	0.01
53	T	t-1,3-Dichloropropene	50.000	54.211	-8.4	99	0.01
54	T	cis-1,3-Dichloropropene	50.000	53.949	-7.9	100	0.01
55	T	1,1,2-Trichloroethane	50.000	57.036	-14.1	106	0.00
56	T	Ethyl methacrylate	50.000	59.371	-18.7	106	0.00
57	T	1,3-Dichloropropane	50.000	55.889	-11.8	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.636	2.9	94	0.01
59	T	2-Hexanone	250.000	317.885	-27.2#	109	0.00
60	T	Dibromochloromethane	50.000	56.779	-13.6	105	0.00
61	T	1,2-Dibromoethane	50.000	56.706	-13.4	105	0.00
62	S	4-Bromofluorobenzene	50.000	47.522	5.0	94	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	55.426	-10.9	107	0.01
65	PM	Chlorobenzene	50.000	51.243	-2.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.808	-9.6	106	0.00
67	C	Ethyl Benzene	50.000	51.085	-2.2#	100	0.01
68	T	m/p-Xylenes	100.000	101.225	-1.2	98	0.00
69	T	o-Xylene	50.000	51.843	-3.7	100	0.00
70	T	Styrene	50.000	53.299	-6.6	101	0.00
71	P	Bromoform	50.000	58.353	-16.7	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	50.488	-1.0	99	0.01
74	T	N-amyl acetate	50.000	57.766	-15.5	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.967	-13.9	108	0.00
76	T	1,2,3-Trichloropropane	50.000	60.035	-20.1	111	0.00
77	T	Bromobenzene	50.000	51.800	-3.6	101	0.00
78	T	n-propylbenzene	50.000	50.482	-1.0	97	0.01
79	T	2-Chlorotoluene	50.000	51.133	-2.3	99	0.01
80	T	1,3,5-Trimethylbenzene	50.000	50.594	-1.2	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.100	-12.2	104	0.00
82	T	4-Chlorotoluene	50.000	51.458	-2.9	99	0.01
83	T	tert-Butylbenzene	50.000	50.131	-0.3	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.182	-2.4	98	0.00
85	T	sec-Butylbenzene	50.000	50.795	-1.6	98	0.00
86	T	p-Isopropyltoluene	50.000	50.605	-1.2	97	0.00
87	T	1,3-Dichlorobenzene	50.000	51.362	-2.7	100	0.01
88	T	1,4-Dichlorobenzene	50.000	51.044	-2.1	100	0.00
89	T	n-Butylbenzene	50.000	49.895	0.2	96	0.00
90	T	Hexachloroethane	50.000	53.844	-7.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	52.752	-5.5	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.679	-19.4	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.380	-4.8	99	0.01
94	T	Hexachlorobutadiene	50.000	49.063	1.9	98	0.00
95	T	Naphthalene	50.000	59.245	-18.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.486	-9.0	104	0.00

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