Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015259.D
Acq On : 22 Aug 2023 20:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 23 02:47:51 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	53	0.01
2	T	Dichlorodifluoromethane	50.000	63.258	-26.5#	65	0.00
3	P	Chloromethane	50.000	72.632	-45.3#	73	0.00
4	C	Vinyl Chloride	50.000	63.595	-27.2#	70	0.00
5	T	Bromomethane	50.000	87.959	-75.9#	80	0.00
6	T	Chloroethane	50.000	71.265	-42.5#	76	0.00
7	T	Trichlorofluoromethane	50.000	64.766	-29.5#	72	0.00
8	T	Diethyl Ether	50.000	75.263	-50.5#	82	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	64.209	-28.4#	71	0.01
10	T	Methyl Iodide	50.000	57.807	-15.6	58	0.00
11	T	Tert butyl alcohol	250.000	354.948	-42.0#	74	0.02
12	CM	1,1-Dichloroethene	50.000	65.146	-30.3#	70	0.00
13	T	Acrolein	250.000	233.803	6.5	54	0.00
14	T	Allyl chloride	50.000	67.483	-35.0#	72	0.00
15	T	Acrylonitrile	250.000	418.754	-67.5#	89	0.00
16	T	Acetone	250.000	315.757	-26.3#	64	0.01
17	T	Carbon Disulfide	50.000	61.494	-23.0	64	0.00
18	T	Methyl Acetate	50.000	83.560	-67.1#	88	0.01
19	T	Methyl tert-butyl Ether	50.000	76.682	-53.4#	81	0.01
20	T	Methylene Chloride	50.000	85.651	-71.3#	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	69.369	-38.7#	74	0.00
22	T	Diisopropyl ether	50.000	76.544	-53.1#	82	0.00
23	T	Vinyl Acetate	250.000	361.042	-44.4#	75	0.01
24	P	1,1-Dichloroethane	50.000	74.079	-48.2#	79	0.01
25	T	2-Butanone	250.000	387.326	-54.9#	82	0.01
26	T	2,2-Dichloropropane	50.000	46.884	6.2	52	0.01
27	T	cis-1,2-Dichloroethene	50.000	74.938	-49.9#	81	0.01
28	T	Bromochloromethane	50.000	61.731	-23.5	67	0.00
29	T	Tetrahydrofuran	250.000	419.621	-67.8#	89	0.00
30	C	Chloroform	50.000	74.856	-49.7#	81	0.00
31	T	Cyclohexane	50.000	67.416	-34.8#	68	0.00
32	T	1,1,1-Trichloroethane	50.000	69.743	-39.5#	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	77.821	-55.6#	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	57	0.00
35	S	Dibromofluoromethane	50.000	70.520	-41.0#	79	0.00
36	T	1,1-Dichloropropene	50.000	63.824	-27.6#	74	0.00
37	T	Ethyl Acetate	50.000	73.933	-47.9#	87	0.00
38	T	Carbon Tetrachloride	50.000	61.867	-23.7	73	0.00
39	T	Methylcyclohexane	50.000	58.763	-17.5	68	0.00
40	TM	Benzene	50.000	68.911	-37.8#	80	0.00
41	T	Methacrylonitrile	50.000	83.284	-66.6#	90	0.00
42	TM	1,2-Dichloroethane	50.000	71.246	-42.5#	82	0.00
43	T	Isopropyl Acetate	50.000	73.683	-47.4#	85	0.00
44	TM	Trichloroethene	50.000	67.984	-36.0#	80	0.00
45	C	1,2-Dichloropropane	50.000	70.789	-41.6#	83	0.00
46	T	Dibromomethane	50.000	72.083	-44.2#	82	0.00
47	T	Bromodichloromethane	50.000	70.567	-41.1#	81	0.00
48	T	Methyl methacrylate	50.000	77.941	-55.9#	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1470.087	-47.0#	83	0.00
50	S	Toluene-d8	50.000	66.382	-32.8#	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	386.813	-54.7#	88	0.00
52	CM	Toluene	50.000	66.608	-33.2#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	61.380	-22.8	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	62.992	-26.0#	73	0.00
55	T	1,1,2-Trichloroethane	50.000	71.200	-42.4#	83	0.00
56	T	Ethyl methacrylate	50.000	71.106	-42.2#	80	0.00
57	T	1,3-Dichloropropane	50.000	71.565	-43.1#	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	305.576	-22.2	72	0.00
59	T	2-Hexanone	250.000	373.871	-49.5#	85	0.00
60	T	Dibromochloromethane	50.000	70.164	-40.3#	80	0.00
61	T	1,2-Dibromoethane	50.000	70.149	-40.3#	81	0.00
62	S	4-Bromofluorobenzene	50.000	66.057	-32.1#	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64	T	Tetrachloroethene	50.000	77.257	-54.5#	94	0.00
65	PM	Chlorobenzene	50.000	64.444	-28.9#	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	67.013	-34.0#	81	0.00
67	C	Ethyl Benzene	50.000	62.454	-24.9#	76	0.00
68	T	m/p-Xylenes	100.000	125.558	-25.6#	76	0.00
69	T	o-Xylene	50.000	64.451	-28.9#	78	0.00
70	T	Styrene	50.000	65.397	-30.8#	79	0.00
71	P	Bromoform	50.000	67.512	-35.0#	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	61	0.00
73	T	Isopropylbenzene	50.000	59.638	-19.3	76	0.00
74	T	N-amyl acetate	50.000	65.440	-30.9#	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	66.685	-33.4#	83	0.00
76	T	1,2,3-Trichloropropane	50.000	73.865	-47.7#	95	0.00
77	T	Bromobenzene	50.000	62.031	-24.1	79	0.00
78	T	n-propylbenzene	50.000	59.040	-18.1	75	0.00
79	T	2-Chlorotoluene	50.000	61.349	-22.7	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.232	-20.5	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.710	-3.4	63	0.00
82	T	4-Chlorotoluene	50.000	61.358	-22.7	77	0.00
83	T	tert-Butylbenzene	50.000	60.445	-20.9	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.773	-21.5	76	0.00
85	T	sec-Butylbenzene	50.000	59.303	-18.6	75	0.00
86	T	p-Isopropyltoluene	50.000	58.963	-17.9	74	0.00
87	T	1,3-Dichlorobenzene	50.000	61.357	-22.7	77	0.00
88	T	1,4-Dichlorobenzene	50.000	61.781	-23.6	78	0.00
89	T	n-Butylbenzene	50.000	57.085	-14.2	71	0.00
90	T	Hexachloroethane	50.000	58.230	-16.5	74	0.00
91	T	1,2-Dichlorobenzene	50.000	64.375	-28.7#	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	67.778	-35.6#	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	60.132	-20.3	75	0.00
94	T	Hexachlorobutadiene	50.000	55.992	-12.0	72	0.00
95	T	Naphthalene	50.000	66.251	-32.5#	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.627	-27.3#	80	0.00

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