Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
Data File : VY016863.D
Acq On : 26 Dec 2023 19:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 27 01:38:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	47.843	4.3	82	0.00
3	P	Chloromethane	50.000	57.629	-15.3	99	0.00
4	C	Vinyl Chloride	50.000	58.062	-16.1#	94	0.00
5	T	Bromomethane	50.000	59.543	-19.1	103	0.00
6	T	Chloroethane	50.000	58.912	-17.8	98	0.00
7	T	Trichlorofluoromethane	50.000	54.655	-9.3	90	0.00
8	T	Diethyl Ether	50.000	61.102	-22.2	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.515	-9.0	88	0.00
10	T	Methyl Iodide	50.000	51.528	-3.1	79	0.00
11	T	Tert butyl alcohol	250.000	343.733	-37.5#	112	0.00
12	CM	1,1-Dichloroethene	50.000	56.154	-12.3#	89	0.00
13	T	Acrolein	250.000	251.235	-0.5	68	0.00
14	T	Allyl chloride	50.000	62.680	-25.4#	98	0.00
15	T	Acrylonitrile	250.000	355.175	-42.1#	106	0.00
16	T	Acetone	250.000	302.716	-21.1	108	0.00
17	T	Carbon Disulfide	50.000	58.174	-16.3	89	0.00
18	T	Methyl Acetate	50.000	82.898	-65.8#	113	0.00
19	T	Methyl tert-butyl Ether	50.000	64.180	-28.4#	100	0.00
20	T	Methylene Chloride	50.000	60.375	-20.8	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	60.555	-21.1	95	0.00
22	T	Diisopropyl ether	50.000	66.144	-32.3#	102	0.00
23	T	Vinyl Acetate	250.000	318.037	-27.2#	99	0.00
24	P	1,1-Dichloroethane	50.000	62.674	-25.3#	99	0.00
25	T	2-Butanone	250.000	329.747	-31.9#	109	0.00
26	T	2,2-Dichloropropane	50.000	55.680	-11.4	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	62.089	-24.2	97	0.00
28	T	Bromochloromethane	50.000	69.568	-39.1#	89	0.00
29	T	Tetrahydrofuran	250.000	381.575	-52.6#	111	0.00
30	C	Chloroform	50.000	63.142	-26.3#	101	0.00
31	T	Cyclohexane	50.000	53.661	-7.3	88	0.00
32	T	1,1,1-Trichloroethane	50.000	57.624	-15.2	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	64.346	-28.7#	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	57.917	-15.8	77	0.00
36	T	1,1-Dichloropropene	50.000	54.976	-10.0	93	0.00
37	T	Ethyl Acetate	50.000	67.441	-34.9#	107	0.00
38	T	Carbon Tetrachloride	50.000	53.355	-6.7	91	0.00
39	T	Methylcyclohexane	50.000	53.353	-6.7	88	0.00
40	TM	Benzene	50.000	58.826	-17.7	99	0.00
41	T	Methacrylonitrile	50.000	61.729	-23.5	89	0.00
42	TM	1,2-Dichloroethane	50.000	61.907	-23.8	101	0.00
43	T	Isopropyl Acetate	50.000	64.666	-29.3#	106	0.00
44	TM	Trichloroethene	50.000	55.412	-10.8	94	0.00
45	C	1,2-Dichloropropane	50.000	60.075	-20.2#	102	0.00
46	T	Dibromomethane	50.000	62.063	-24.1	104	0.00
47	T	Bromodichloromethane	50.000	60.741	-21.5	103	0.00
48	T	Methyl methacrylate	50.000	65.237	-30.5#	104	0.00

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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)
49	T	1,4-Dioxane	1000.000	1462.989	-46.3#	117	0.00
50	S	Toluene-d8	50.000	57.269	-14.5	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	348.234	-39.3#	111	0.00
52	CM	Toluene	50.000	58.984	-18.0#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	61.556	-23.1	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	60.295	-20.6	99	0.00
55	T	1,1,2-Trichloroethane	50.000	62.236	-24.5	104	0.00
56	T	Ethyl methacrylate	50.000	66.912	-33.8#	105	0.00
57	T	1,3-Dichloropropane	50.000	62.459	-24.9	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	320.842	-28.3#	72	0.00
59	T	2-Hexanone	250.000	318.095	-27.2#	107	0.00
60	T	Dibromochloromethane	50.000	61.774	-23.5	103	0.00
61	T	1,2-Dibromoethane	50.000	63.067	-26.1#	104	0.00
62	S	4-Bromofluorobenzene	50.000	59.750	-19.5	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	57.434	-14.9	103	0.00
65	PM	Chlorobenzene	50.000	56.929	-13.9	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.408	-12.8	100	0.00
67	C	Ethyl Benzene	50.000	56.246	-12.5#	99	0.00
68	T	m/p-Xylenes	100.000	113.560	-13.6	99	0.00
69	T	o-Xylene	50.000	58.522	-17.0	101	0.00
70	T	Styrene	50.000	59.673	-19.3	102	0.00
71	P	Bromoform	50.000	60.369	-20.7	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	53.961	-7.9	98	0.00
74	T	N-amyl acetate	50.000	60.243	-20.5	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.730	-17.5	108	0.00
76	T	1,2,3-Trichloropropane	50.000	52.898	-5.8	109	0.00
77	T	Bromobenzene	50.000	55.108	-10.2	101	0.00
78	T	n-propylbenzene	50.000	54.072	-8.1	97	0.00
79	T	2-Chlorotoluene	50.000	54.880	-9.8	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.446	-10.9	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.451	-12.9	103	0.00
82	T	4-Chlorotoluene	50.000	54.911	-9.8	100	0.00
83	T	tert-Butylbenzene	50.000	55.401	-10.8	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.888	-11.8	99	0.00
85	T	sec-Butylbenzene	50.000	53.273	-6.5	96	0.00
86	T	p-Isopropyltoluene	50.000	53.185	-6.4	95	0.00
87	T	1,3-Dichlorobenzene	50.000	55.028	-10.1	103	0.00
88	T	1,4-Dichlorobenzene	50.000	54.731	-9.5	101	0.00
89	T	n-Butylbenzene	50.000	53.763	-7.5	95	0.00
90	T	Hexachloroethane	50.000	53.089	-6.2	100	0.00
91	T	1,2-Dichlorobenzene	50.000	56.954	-13.9	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.819	-19.6	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.019	-4.0	92	0.00
94	T	Hexachlorobutadiene	50.000	49.296	1.4	89	0.00
95	T	Naphthalene	50.000	49.976	0.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.114	-8.2	94	0.00

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