Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014867.D
Acq On : 26 Jul 2023 22:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 27 01:15:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 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	59	0.00
2	T	Dichlorodifluoromethane	50.000	37.769	24.5	47	0.00
3	P	Chloromethane	50.000	49.897	0.2	60	0.00
4	C	Vinyl Chloride	50.000	51.854	-3.7#	61	0.00
5	T	Bromomethane	50.000	65.190	-30.4#	78	0.00
6	T	Chloroethane	50.000	58.325	-16.7	68	0.00
7	T	Trichlorofluoromethane	50.000	45.864	8.3	53	0.00
8	T	Diethyl Ether	50.000	48.755	2.5	57	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.632	10.7	51	0.00
10	T	Methyl Iodide	50.000	39.594	20.8	48	0.00
11	T	Tert butyl alcohol	250.000	224.539	10.2	57	0.00
12	CM	1,1-Dichloroethene	50.000	43.728	12.5#	50	0.00
13	T	Acrolein	250.000	94.212	62.3#	24	0.00
14	T	Allyl chloride	50.000	41.175	17.7	48	0.00
15	T	Acrylonitrile	250.000	267.973	-7.2	62	0.00
16	T	Acetone	250.000	211.488	15.4	46	0.00
17	T	Carbon Disulfide	50.000	38.593	22.8	46	0.00
18	T	Methyl Acetate	50.000	56.573	-13.1	66	0.00
19	T	Methyl tert-butyl Ether	50.000	50.290	-0.6	58	0.00
20	T	Methylene Chloride	50.000	51.511	-3.0	59	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.792	8.4	53	0.00
22	T	Diisopropyl ether	50.000	47.325	5.3	54	0.00
23	T	Vinyl Acetate	250.000	234.639	6.1	54	0.00
24	P	1,1-Dichloroethane	50.000	47.075	5.8	54	0.00
25	T	2-Butanone	250.000	248.755	0.5	57	0.00
26	T	2,2-Dichloropropane	50.000	39.824	20.4	46	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.833	2.3	56	0.00
28	T	Bromochloromethane	50.000	46.009	8.0	57	0.00
29	T	Tetrahydrofuran	250.000	268.806	-7.5	64	0.00
30	C	Chloroform	50.000	49.656	0.7#	58	0.00
31	T	Cyclohexane	50.000	38.789	22.4	47	0.00
32	T	1,1,1-Trichloroethane	50.000	47.182	5.6	55	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.866	4.3	58	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35	S	Dibromofluoromethane	50.000	45.489	9.0	55	0.00
36	T	1,1-Dichloropropene	50.000	43.783	12.4	52	0.00
37	T	Ethyl Acetate	50.000	50.364	-0.7	63	0.00
38	T	Carbon Tetrachloride	50.000	45.369	9.3	54	0.00
39	T	Methylcyclohexane	50.000	41.017	18.0	49	0.00
40	TM	Benzene	50.000	46.253	7.5	55	0.00
41	T	Methacrylonitrile	50.000	51.689	-3.4	64	0.00
42	TM	1,2-Dichloroethane	50.000	49.787	0.4	59	0.00
43	T	Isopropyl Acetate	50.000	48.719	2.6	58	0.00
44	TM	Trichloroethene	50.000	46.875	6.3	56	0.00
45	C	1,2-Dichloropropane	50.000	46.291	7.4#	55	0.00
46	T	Dibromomethane	50.000	50.277	-0.6	60	0.00
47	T	Bromodichloromethane	50.000	49.029	1.9	58	0.00
48	T	Methyl methacrylate	50.000	49.137	1.7	59	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1070.503	-7.1	63	0.00
50	S	Toluene-d8	50.000	43.872	12.3	54	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.083	-6.4	64	0.00
52	CM	Toluene	50.000	46.783	6.4#	56	0.00
53	T	t-1,3-Dichloropropene	50.000	45.406	9.2	54	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.168	9.7	53	0.00
55	T	1,1,2-Trichloroethane	50.000	51.069	-2.1	60	0.00
56	T	Ethyl methacrylate	50.000	50.168	-0.3	59	0.00
57	T	1,3-Dichloropropane	50.000	49.339	1.3	58	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	236.587	5.4	58	0.00
59	T	2-Hexanone	250.000	260.453	-4.2	62	0.00
60	T	Dibromochloromethane	50.000	49.745	0.5	59	0.00
61	T	1,2-Dibromoethane	50.000	50.446	-0.9	60	0.00
62	S	4-Bromofluorobenzene	50.000	45.361	9.3	57	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	64	0.00
64	T	Tetrachloroethene	50.000	49.315	1.4	61	0.00
65	PM	Chlorobenzene	50.000	46.469	7.1	57	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.707	2.6	59	0.00
67	C	Ethyl Benzene	50.000	45.247	9.5#	55	0.00
68	T	m/p-Xylenes	100.000	90.520	9.5	56	0.00
69	T	o-Xylene	50.000	46.355	7.3	57	0.00
70	T	Styrene	50.000	47.385	5.2	58	0.00
71	P	Bromoform	50.000	48.710	2.6	59	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73	T	Isopropylbenzene	50.000	43.865	12.3	57	0.00
74	T	N-amyl acetate	50.000	44.868	10.3	57	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.801	6.4	61	0.00
76	T	1,2,3-Trichloropropane	50.000	48.883	2.2	64	0.00
77	T	Bromobenzene	50.000	46.477	7.0	59	0.00
78	T	n-propylbenzene	50.000	43.057	13.9	55	0.00
79	T	2-Chlorotoluene	50.000	42.833	14.3	55	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.782	12.4	56	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.406	21.2	50	0.00
82	T	4-Chlorotoluene	50.000	43.164	13.7	55	0.00
83	T	tert-Butylbenzene	50.000	43.682	12.6	55	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.323	11.4	56	0.00
85	T	sec-Butylbenzene	50.000	43.529	12.9	55	0.00
86	T	p-Isopropyltoluene	50.000	44.953	10.1	57	0.00
87	T	1,3-Dichlorobenzene	50.000	46.334	7.3	59	0.00
88	T	1,4-Dichlorobenzene	50.000	46.262	7.5	59	0.00
89	T	n-Butylbenzene	50.000	43.385	13.2	55	0.00
90	T	Hexachloroethane	50.000	43.938	12.1	56	0.00
91	T	1,2-Dichlorobenzene	50.000	47.135	5.7	60	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.502	5.0	62	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.901	4.2	59	0.00
94	T	Hexachlorobutadiene	50.000	45.684	8.6	56	0.00
95	T	Naphthalene	50.000	51.386	-2.8	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.125	1.8	61	0.00

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