Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
Data File : VY015738.D
Acq On : 27 Sep 2023 21:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 28 05:08:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	83	0.02
2	T	Dichlorodifluoromethane	50.000	45.153	9.7	69	0.01
3	P	Chloromethane	50.000	46.536	6.9	71	0.00
4	C	Vinyl Chloride	50.000	47.822	4.4#	73	0.01
5	T	Bromomethane	50.000	42.711	14.6	72	0.02
6	T	Chloroethane	50.000	48.688	2.6	75	0.01
7	T	Trichlorofluoromethane	50.000	45.782	8.4	73	0.01
8	T	Diethyl Ether	50.000	48.090	3.8	76	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.429	7.1	74	0.01
10	T	Methyl Iodide	50.000	42.100	15.8	67	0.02
11	T	Tert butyl alcohol	250.000	249.666	0.1	88	0.06
12	CM	1,1-Dichloroethene	50.000	45.373	9.3#	72	0.01
13	T	Acrolein	250.000	239.745	4.1	79	0.02
14	T	Allyl chloride	50.000	46.441	7.1	73	0.01
15	T	Acrylonitrile	250.000	251.537	-0.6	83	0.02
16	T	Acetone	250.000	198.305	20.7	68	0.02
17	T	Carbon Disulfide	50.000	44.155	11.7	66	0.02
18	T	Methyl Acetate	50.000	53.033	-6.1	86	0.02
19	T	Methyl tert-butyl Ether	50.000	48.865	2.3	77	0.02
20	T	Methylene Chloride	50.000	52.166	-4.3	85	0.02
21	T	trans-1,2-Dichloroethene	50.000	47.239	5.5	72	0.02
22	T	Diisopropyl ether	50.000	48.545	2.9	75	0.02
23	T	Vinyl Acetate	250.000	238.880	4.4	75	0.02
24	P	1,1-Dichloroethane	50.000	46.870	6.3	74	0.02
25	T	2-Butanone	250.000	226.724	9.3	79	0.02
26	T	2,2-Dichloropropane	50.000	43.151	13.7	74	0.01
27	T	cis-1,2-Dichloroethene	50.000	47.539	4.9	75	0.02
28	T	Bromochloromethane	50.000	53.133	-6.3	86	0.02
29	T	Tetrahydrofuran	250.000	254.704	-1.9	84	0.02
30	C	Chloroform	50.000	47.619	4.8#	76	0.02
31	T	Cyclohexane	50.000	43.039	13.9	71	0.01
32	T	1,1,1-Trichloroethane	50.000	47.793	4.4	76	0.02
33	S	1,2-Dichloroethane-d4	50.000	61.985	-24.0	113	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.01
35	S	Dibromofluoromethane	50.000	61.372	-22.7	108	0.01
36	T	1,1-Dichloropropene	50.000	45.762	8.5	73	0.01
37	T	Ethyl Acetate	50.000	50.485	-1.0	84	0.02
38	T	Carbon Tetrachloride	50.000	47.330	5.3	75	0.02
39	T	Methylcyclohexane	50.000	45.029	9.9	71	0.01
40	TM	Benzene	50.000	47.077	5.8	74	0.02
41	T	Methacrylonitrile	50.000	44.041	11.9	82	0.01
42	TM	1,2-Dichloroethane	50.000	48.854	2.3	78	0.01
43	T	Isopropyl Acetate	50.000	49.908	0.2	82	0.02
44	TM	Trichloroethene	50.000	47.697	4.6	76	0.01
45	C	1,2-Dichloropropane	50.000	48.124	3.8#	76	0.00
46	T	Dibromomethane	50.000	48.847	2.3	78	0.02
47	T	Bromodichloromethane	50.000	48.499	3.0	77	0.01
48	T	Methyl methacrylate	50.000	49.728	0.5	80	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1056.872	-5.7	90	0.04
50	S	Toluene-d8	50.000	64.002	-28.0#	119	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.328	-2.9	84	0.00
52	CM	Toluene	50.000	46.824	6.4#	73	0.01
53	T	t-1,3-Dichloropropene	50.000	48.233	3.5	76	0.01
54	T	cis-1,3-Dichloropropene	50.000	47.712	4.6	76	0.01
55	T	1,1,2-Trichloroethane	50.000	49.680	0.6	80	0.01
56	T	Ethyl methacrylate	50.000	50.644	-1.3	79	0.00
57	T	1,3-Dichloropropane	50.000	49.276	1.4	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.758	5.7	81	0.01
59	T	2-Hexanone	250.000	253.971	-1.6	84	0.00
60	T	Dibromochloromethane	50.000	49.663	0.7	79	0.00
61	T	1,2-Dibromoethane	50.000	48.895	2.2	80	0.00
62	S	4-Bromofluorobenzene	50.000	61.188	-22.4	110	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	49.951	0.1	80	0.01
65	PM	Chlorobenzene	50.000	47.072	5.9	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.572	2.9	77	0.00
67	C	Ethyl Benzene	50.000	46.939	6.1#	74	0.01
68	T	m/p-Xylenes	100.000	94.633	5.4	74	0.00
69	T	o-Xylene	50.000	47.704	4.6	75	0.00
70	T	Styrene	50.000	48.587	2.8	75	0.00
71	P	Bromoform	50.000	51.407	-2.8	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	45.342	9.3	75	0.01
74	T	N-amyl acetate	50.000	48.185	3.6	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.665	4.7	82	0.00
76	T	1,2,3-Trichloropropane	50.000	48.332	3.3	79	0.00
77	T	Bromobenzene	50.000	46.089	7.8	77	0.00
78	T	n-propylbenzene	50.000	45.045	9.9	73	0.01
79	T	2-Chlorotoluene	50.000	45.734	8.5	75	0.01
80	T	1,3,5-Trimethylbenzene	50.000	45.687	8.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.693	4.6	79	0.00
82	T	4-Chlorotoluene	50.000	45.067	9.9	74	0.01
83	T	tert-Butylbenzene	50.000	45.484	9.0	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.997	8.0	74	0.00
85	T	sec-Butylbenzene	50.000	45.628	8.7	74	0.00
86	T	p-Isopropyltoluene	50.000	45.336	9.3	73	0.00
87	T	1,3-Dichlorobenzene	50.000	45.854	8.3	75	0.01
88	T	1,4-Dichlorobenzene	50.000	45.970	8.1	76	0.00
89	T	n-Butylbenzene	50.000	44.881	10.2	73	0.00
90	T	Hexachloroethane	50.000	45.166	9.7	74	0.00
91	T	1,2-Dichlorobenzene	50.000	47.039	5.9	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.010	2.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.936	8.1	75	0.01
94	T	Hexachlorobutadiene	50.000	43.997	12.0	71	0.00
95	T	Naphthalene	50.000	49.704	0.6	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.696	6.6	76	0.00

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