Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
Data File : VY015647.D
Acq On : 20 Sep 2023 09:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 21 03:36:01 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	95	0.01
2	T	Dichlorodifluoromethane	50.000	52.358	-4.7	92	0.01
3	P	Chloromethane	50.000	50.530	-1.1	89	0.00
4	C	Vinyl Chloride	50.000	51.444	-2.9#	90	0.01
5	T	Bromomethane	50.000	45.095	9.8	86	0.01
6	T	Chloroethane	50.000	51.197	-2.4	91	0.00
7	T	Trichlorofluoromethane	50.000	50.262	-0.5	92	0.01
8	T	Diethyl Ether	50.000	48.680	2.6	88	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.892	0.2	91	0.00
10	T	Methyl Iodide	50.000	46.568	6.9	85	0.01
11	T	Tert butyl alcohol	250.000	219.034	12.4	90	0.03
12	CM	1,1-Dichloroethene	50.000	50.576	-1.2#	92	0.01
13	T	Acrolein	250.000	230.872	7.7	87	0.01
14	T	Allyl chloride	50.000	49.587	0.8	89	0.01
15	T	Acrylonitrile	250.000	221.175	11.5	84	0.01
16	T	Acetone	250.000	262.336	-4.9	104	0.02
17	T	Carbon Disulfide	50.000	52.182	-4.4	89	0.01
18	T	Methyl Acetate	50.000	45.641	8.7	85	0.01
19	T	Methyl tert-butyl Ether	50.000	47.789	4.4	87	0.02
20	T	Methylene Chloride	50.000	43.036	13.9	82	0.02
21	T	trans-1,2-Dichloroethene	50.000	50.751	-1.5	89	0.01
22	T	Diisopropyl ether	50.000	49.405	1.2	88	0.01
23	T	Vinyl Acetate	250.000	235.964	5.6	85	0.02
24	P	1,1-Dichloroethane	50.000	48.637	2.7	88	0.02
25	T	2-Butanone	250.000	232.367	7.1	93	0.02
26	T	2,2-Dichloropropane	50.000	47.822	4.4	94	0.02
27	T	cis-1,2-Dichloroethene	50.000	48.673	2.7	88	0.01
28	T	Bromochloromethane	50.000	49.466	1.1	92	0.01
29	T	Tetrahydrofuran	250.000	214.650	14.1	82	0.01
30	C	Chloroform	50.000	48.412	3.2#	89	0.02
31	T	Cyclohexane	50.000	48.292	3.4	91	0.00
32	T	1,1,1-Trichloroethane	50.000	49.894	0.2	91	0.02
33	S	1,2-Dichloroethane-d4	50.000	40.709	18.6	85	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.01
35	S	Dibromofluoromethane	50.000	44.631	10.7	89	0.00
36	T	1,1-Dichloropropene	50.000	50.137	-0.3	91	0.01
37	T	Ethyl Acetate	50.000	44.203	11.6	84	0.02
38	T	Carbon Tetrachloride	50.000	51.071	-2.1	92	0.01
39	T	Methylcyclohexane	50.000	48.594	2.8	87	0.00
40	TM	Benzene	50.000	49.273	1.5	88	0.02
41	T	Methacrylonitrile	50.000	46.087	7.8	97	0.00
42	TM	1,2-Dichloroethane	50.000	47.375	5.3	86	0.00
43	T	Isopropyl Acetate	50.000	46.055	7.9	85	0.01
44	TM	Trichloroethene	50.000	48.682	2.6	88	0.00
45	C	1,2-Dichloropropane	50.000	48.616	2.8#	87	0.00
46	T	Dibromomethane	50.000	47.380	5.2	85	0.01
47	T	Bromodichloromethane	50.000	49.152	1.7	88	0.01
48	T	Methyl methacrylate	50.000	46.594	6.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	893.052	10.7	86	0.02
50	S	Toluene-d8	50.000	42.533	14.9	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	221.988	11.2	83	0.00
52	CM	Toluene	50.000	49.097	1.8#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	48.235	3.5	86	0.01
54	T	cis-1,3-Dichloropropene	50.000	49.557	0.9	89	0.01
55	T	1,1,2-Trichloroethane	50.000	47.215	5.6	86	0.00
56	T	Ethyl methacrylate	50.000	48.305	3.4	85	0.00
57	T	1,3-Dichloropropane	50.000	47.634	4.7	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.959	9.2	89	0.00
59	T	2-Hexanone	250.000	234.390	6.2	88	0.00
60	T	Dibromochloromethane	50.000	48.153	3.7	87	0.00
61	T	1,2-Dibromoethane	50.000	47.080	5.8	87	0.00
62	S	4-Bromofluorobenzene	50.000	42.191	15.6	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	48.103	3.8	86	0.00
65	PM	Chlorobenzene	50.000	48.914	2.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.018	2.0	87	0.00
67	C	Ethyl Benzene	50.000	49.338	1.3#	87	0.00
68	T	m/p-Xylenes	100.000	98.792	1.2	87	0.00
69	T	o-Xylene	50.000	49.640	0.7	87	0.00
70	T	Styrene	50.000	50.177	-0.4	87	0.00
71	P	Bromoform	50.000	48.975	2.0	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	50.604	-1.2	89	0.00
74	T	N-amyl acetate	50.000	48.598	2.8	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.499	5.0	86	0.00
76	T	1,2,3-Trichloropropane	50.000	42.773	14.5	74	0.00
77	T	Bromobenzene	50.000	48.956	2.1	87	0.00
78	T	n-propylbenzene	50.000	50.560	-1.1	87	0.00
79	T	2-Chlorotoluene	50.000	50.238	-0.5	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.333	-0.7	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.442	5.1	83	0.00
82	T	4-Chlorotoluene	50.000	49.239	1.5	85	0.00
83	T	tert-Butylbenzene	50.000	50.917	-1.8	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.268	-0.5	86	0.00
85	T	sec-Butylbenzene	50.000	50.293	-0.6	86	0.00
86	T	p-Isopropyltoluene	50.000	50.300	-0.6	86	0.00
87	T	1,3-Dichlorobenzene	50.000	48.955	2.1	85	0.00
88	T	1,4-Dichlorobenzene	50.000	48.708	2.6	85	0.00
89	T	n-Butylbenzene	50.000	49.621	0.8	85	0.00
90	T	Hexachloroethane	50.000	49.841	0.3	86	0.00
91	T	1,2-Dichlorobenzene	50.000	49.015	2.0	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.038	11.9	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.635	4.7	82	0.00
94	T	Hexachlorobutadiene	50.000	47.010	6.0	80	0.00
95	T	Naphthalene	50.000	47.027	5.9	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.377	5.2	82	0.00

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