Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
Data File : VY012364.D
Acq On : 25 Jan 2023 18:14
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 26 04:10:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	39.439	21.1	79	0.00
3	P	Chloromethane	50.000	39.907	20.2	75	0.00
4	C	Vinyl Chloride	50.000	42.701	14.6#	79	0.00
5	T	Bromomethane	50.000	44.686	10.6	83	0.00
6	T	Chloroethane	50.000	47.729	4.5	87	0.00
7	T	Trichlorofluoromethane	50.000	47.663	4.7	89	0.00
8	T	Diethyl Ether	50.000	48.923	2.2	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.933	4.1	90	0.00
10	T	Methyl Iodide	50.000	45.824	8.4	78	0.00
11	T	Tert butyl alcohol	250.000	278.353	-11.3	101	0.01
12	CM	1,1-Dichloroethene	50.000	47.042	5.9#	84	0.00
13	T	Acrolein	250.000	283.556	-13.4	108	0.00
14	T	Allyl chloride	50.000	46.598	6.8	83	0.00
15	T	Acrylonitrile	250.000	265.391	-6.2	93	0.00
16	T	Acetone	250.000	247.941	0.8	76	0.00
17	T	Carbon Disulfide	50.000	43.671	12.7	79	0.00
18	T	Methyl Acetate	50.000	53.171	-6.3	94	0.00
19	T	Methyl tert-butyl Ether	50.000	51.520	-3.0	88	0.00
20	T	Methylene Chloride	50.000	45.671	8.7	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.904	4.2	85	0.00
22	T	Diisopropyl ether	50.000	48.880	2.2	86	0.00
23	T	Vinyl Acetate	250.000	254.342	-1.7	87	0.00
24	P	1,1-Dichloroethane	50.000	48.506	3.0	86	0.00
25	T	2-Butanone	250.000	255.795	-2.3	85	0.00
26	T	2,2-Dichloropropane	50.000	49.236	1.5	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.062	-0.1	88	0.00
28	T	Bromochloromethane	50.000	45.139	9.7	83	0.00
29	T	Tetrahydrofuran	250.000	269.997	-8.0	91	0.00
30	C	Chloroform	50.000	50.201	-0.4#	88	0.00
31	T	Cyclohexane	50.000	43.840	12.3	86	0.00
32	T	1,1,1-Trichloroethane	50.000	49.822	0.4	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.134	-2.3	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	47.280	5.4	88	0.00
36	T	1,1-Dichloropropene	50.000	48.482	3.0	87	0.00
37	T	Ethyl Acetate	50.000	52.156	-4.3	89	0.00
38	T	Carbon Tetrachloride	50.000	50.241	-0.5	89	0.00
39	T	Methylcyclohexane	50.000	49.170	1.7	89	0.00
40	TM	Benzene	50.000	49.857	0.3	88	0.00
41	T	Methacrylonitrile	50.000	46.847	6.3	77	0.00
42	TM	1,2-Dichloroethane	50.000	53.317	-6.6	91	0.00
43	T	Isopropyl Acetate	50.000	53.124	-6.2	90	0.00
44	TM	Trichloroethene	50.000	50.245	-0.5	88	0.00
45	C	1,2-Dichloropropane	50.000	50.213	-0.4#	88	0.00
46	T	Dibromomethane	50.000	52.788	-5.6	91	0.00
47	T	Bromodichloromethane	50.000	52.458	-4.9	91	0.00
48	T	Methyl methacrylate	50.000	53.671	-7.3	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1146.347	-14.6	93	0.00
50	S	Toluene-d8	50.000	49.146	1.7	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.287	-10.5	93	0.00
52	CM	Toluene	50.000	51.412	-2.8#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	53.016	-6.0	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.432	-2.9	88	0.00
55	T	1,1,2-Trichloroethane	50.000	53.858	-7.7	92	0.00
56	T	Ethyl methacrylate	50.000	55.677	-11.4	92	0.00
57	T	1,3-Dichloropropane	50.000	53.804	-7.6	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.609	2.6	85	0.00
59	T	2-Hexanone	250.000	275.600	-10.2	88	0.00
60	T	Dibromochloromethane	50.000	53.662	-7.3	90	0.00
61	T	1,2-Dibromoethane	50.000	53.500	-7.0	91	0.00
62	S	4-Bromofluorobenzene	50.000	47.594	4.8	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	52.798	-5.6	93	0.00
65	PM	Chlorobenzene	50.000	50.096	-0.2	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.575	-3.2	91	0.00
67	C	Ethyl Benzene	50.000	49.720	0.6#	89	0.00
68	T	m/p-Xylenes	100.000	101.401	-1.4	90	0.00
69	T	o-Xylene	50.000	50.444	-0.9	90	0.00
70	T	Styrene	50.000	51.341	-2.7	90	0.00
71	P	Bromoform	50.000	54.373	-8.7	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	49.016	2.0	91	0.00
74	T	N-amyl acetate	50.000	49.592	0.8	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.739	-1.5	93	0.00
76	T	1,2,3-Trichloropropane	50.000	46.447	7.1	76	0.00
77	T	Bromobenzene	50.000	49.114	1.8	90	0.00
78	T	n-propylbenzene	50.000	47.859	4.3	91	0.00
79	T	2-Chlorotoluene	50.000	48.145	3.7	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.228	1.5	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.953	-3.9	93	0.00
82	T	4-Chlorotoluene	50.000	47.739	4.5	90	0.00
83	T	tert-Butylbenzene	50.000	49.115	1.8	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.505	1.0	92	0.00
85	T	sec-Butylbenzene	50.000	48.275	3.5	92	0.00
86	T	p-Isopropyltoluene	50.000	49.006	2.0	93	0.00
87	T	1,3-Dichlorobenzene	50.000	48.649	2.7	91	0.00
88	T	1,4-Dichlorobenzene	50.000	48.592	2.8	92	0.00
89	T	n-Butylbenzene	50.000	48.169	3.7	92	0.00
90	T	Hexachloroethane	50.000	47.686	4.6	91	0.00
91	T	1,2-Dichlorobenzene	50.000	49.012	2.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.760	-5.5	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.565	2.9	93	0.00
94	T	Hexachlorobutadiene	50.000	47.300	5.4	93	0.00
95	T	Naphthalene	50.000	52.028	-4.1	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.455	-0.9	97	0.00

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