Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013838.D
Acq On : 24 May 2023 11:31
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 25 07:06:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	49.125	1.8	82	0.00
3	P	Chloromethane	50.000	50.149	-0.3	90	0.00
4	C	Vinyl Chloride	50.000	49.343	1.3#	87	0.00
5	T	Bromomethane	50.000	42.485	15.0	84	0.00
6	T	Chloroethane	50.000	46.894	6.2	87	0.00
7	T	Trichlorofluoromethane	50.000	47.116	5.8	85	0.00
8	T	Diethyl Ether	50.000	48.219	3.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.953	6.1	87	0.00
10	T	Methyl Iodide	50.000	51.701	-3.4	86	0.00
11	T	Tert butyl alcohol	250.000	256.623	-2.6	94	-0.02
12	CM	1,1-Dichloroethene	50.000	47.724	4.6#	85	0.00
13	T	Acrolein	250.000	227.381	9.0	89	0.00
14	T	Allyl chloride	50.000	49.756	0.5	94	0.00
15	T	Acrylonitrile	250.000	252.685	-1.1	92	0.00
16	T	Acetone	250.000	276.041	-10.4	103	0.00
17	T	Carbon Disulfide	50.000	50.266	-0.5	87	0.00
18	T	Methyl Acetate	50.000	49.880	0.2	94	-0.01
19	T	Methyl tert-butyl Ether	50.000	49.666	0.7	89	0.00
20	T	Methylene Chloride	50.000	49.282	1.4	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.277	1.4	90	0.00
22	T	Diisopropyl ether	50.000	51.395	-2.8	94	0.00
23	T	Vinyl Acetate	250.000	263.504	-5.4	92	0.00
24	P	1,1-Dichloroethane	50.000	48.403	3.2	91	0.00
25	T	2-Butanone	250.000	269.473	-7.8	98	-0.01
26	T	2,2-Dichloropropane	50.000	46.626	6.7	87	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.237	3.5	88	0.00
28	T	Bromochloromethane	50.000	45.505	9.0	93	-0.01
29	T	Tetrahydrofuran	250.000	267.150	-6.9	91	0.00
30	C	Chloroform	50.000	47.402	5.2#	89	0.00
31	T	Cyclohexane	50.000	47.271	5.5	87	0.00
32	T	1,1,1-Trichloroethane	50.000	46.539	6.9	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.343	5.3	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	48.614	2.8	95	0.00
36	T	1,1-Dichloropropene	50.000	48.234	3.5	87	0.00
37	T	Ethyl Acetate	50.000	48.874	2.3	85	0.00
38	T	Carbon Tetrachloride	50.000	45.429	9.1	84	0.00
39	T	Methylcyclohexane	50.000	48.294	3.4	85	0.00
40	TM	Benzene	50.000	47.392	5.2	88	0.00
41	T	Methacrylonitrile	50.000	44.558	10.9	92	0.00
42	TM	1,2-Dichloroethane	50.000	46.700	6.6	86	0.00
43	T	Isopropyl Acetate	50.000	49.048	1.9	89	0.00
44	TM	Trichloroethene	50.000	45.583	8.8	85	0.00
45	C	1,2-Dichloropropane	50.000	48.370	3.3#	91	0.00
46	T	Dibromomethane	50.000	47.745	4.5	88	0.00
47	T	Bromodichloromethane	50.000	46.910	6.2	89	0.00
48	T	Methyl methacrylate	50.000	50.408	-0.8	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1003.779	-0.4	88	-0.01
50	S	Toluene-d8	50.000	46.855	6.3	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.193	-1.7	89	0.00
52	CM	Toluene	50.000	47.759	4.5#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	48.745	2.5	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.858	4.3	88	0.00
55	T	1,1,2-Trichloroethane	50.000	47.334	5.3	87	0.00
56	T	Ethyl methacrylate	50.000	49.234	1.5	86	0.00
57	T	1,3-Dichloropropane	50.000	47.803	4.4	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	218.076	12.8	92	0.00
59	T	2-Hexanone	250.000	261.443	-4.6	90	0.00
60	T	Dibromochloromethane	50.000	46.702	6.6	86	0.00
61	T	1,2-Dibromoethane	50.000	47.485	5.0	86	0.00
62	S	4-Bromofluorobenzene	50.000	46.829	6.3	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	45.376	9.2	83	0.00
65	PM	Chlorobenzene	50.000	46.841	6.3	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.333	7.3	86	0.00
67	C	Ethyl Benzene	50.000	47.611	4.8#	86	0.00
68	T	m/p-Xylenes	100.000	95.133	4.9	86	0.00
69	T	o-Xylene	50.000	47.205	5.6	86	0.00
70	T	Styrene	50.000	47.588	4.8	86	0.00
71	P	Bromoform	50.000	47.012	6.0	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	48.589	2.8	85	0.00
74	T	N-amyl acetate	50.000	51.349	-2.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.153	-0.3	87	0.00
76	T	1,2,3-Trichloropropane	50.000	41.486	17.0	87	0.00
77	T	Bromobenzene	50.000	47.585	4.8	84	0.00
78	T	n-propylbenzene	50.000	48.482	3.0	84	0.00
79	T	2-Chlorotoluene	50.000	47.706	4.6	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.661	2.7	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.865	0.3	84	0.00
82	T	4-Chlorotoluene	50.000	47.267	5.5	85	0.00
83	T	tert-Butylbenzene	50.000	47.485	5.0	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.339	3.3	84	0.00
85	T	sec-Butylbenzene	50.000	48.101	3.8	84	0.00
86	T	p-Isopropyltoluene	50.000	47.240	5.5	83	0.00
87	T	1,3-Dichlorobenzene	50.000	46.782	6.4	84	0.00
88	T	1,4-Dichlorobenzene	50.000	46.091	7.8	83	0.00
89	T	n-Butylbenzene	50.000	47.584	4.8	83	0.00
90	T	Hexachloroethane	50.000	45.875	8.3	84	0.00
91	T	1,2-Dichlorobenzene	50.000	46.487	7.0	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.512	5.0	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.374	11.3	78	0.00
94	T	Hexachlorobutadiene	50.000	43.786	12.4	80	0.00
95	T	Naphthalene	50.000	41.606	16.8	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.892	12.2	77	0.00

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