Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014421.D
Acq On : 26 Jun 2023 09:36
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: Jun 27 01:42:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	45.294	9.4	98	0.00
3	P	Chloromethane	50.000	44.203	11.6	89	0.00
4	C	Vinyl Chloride	50.000	46.280	7.4#	93	0.00
5	T	Bromomethane	50.000	45.775	8.5	96	-0.01
6	T	Chloroethane	50.000	48.051	3.9	95	0.00
7	T	Trichlorofluoromethane	50.000	50.902	-1.8	103	0.00
8	T	Diethyl Ether	50.000	45.953	8.1	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.345	9.3	91	0.00
10	T	Methyl Iodide	50.000	43.698	12.6	84	0.00
11	T	Tert butyl alcohol	250.000	253.233	-1.3	93	0.00
12	CM	1,1-Dichloroethene	50.000	45.408	9.2#	90	0.00
13	T	Acrolein	250.000	236.251	5.5	88	0.00
14	T	Allyl chloride	50.000	43.170	13.7	82	0.00
15	T	Acrylonitrile	250.000	233.992	6.4	89	0.00
16	T	Acetone	250.000	291.930	-16.8	102	0.00
17	T	Carbon Disulfide	50.000	44.320	11.4	85	0.00
18	T	Methyl Acetate	50.000	43.437	13.1	85	0.00
19	T	Methyl tert-butyl Ether	50.000	49.128	1.7	92	0.00
20	T	Methylene Chloride	50.000	41.696	16.6	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.179	7.6	88	0.00
22	T	Diisopropyl ether	50.000	43.799	12.4	82	0.00
23	T	Vinyl Acetate	250.000	280.931	-12.4	100	0.00
24	P	1,1-Dichloroethane	50.000	43.772	12.5	84	0.00
25	T	2-Butanone	250.000	252.371	-0.9	94	0.00
26	T	2,2-Dichloropropane	50.000	46.719	6.6	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.897	10.2	86	0.00
28	T	Bromochloromethane	50.000	42.307	15.4	77	0.00
29	T	Tetrahydrofuran	250.000	234.673	6.1	87	0.00
30	C	Chloroform	50.000	46.422	7.2#	89	0.00
31	T	Cyclohexane	50.000	41.943	16.1	85	0.00
32	T	1,1,1-Trichloroethane	50.000	48.641	2.7	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.052	-4.1	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	52.251	-4.5	91	0.00
36	T	1,1-Dichloropropene	50.000	47.538	4.9	87	0.00
37	T	Ethyl Acetate	50.000	48.246	3.5	87	0.00
38	T	Carbon Tetrachloride	50.000	51.644	-3.3	96	0.00
39	T	Methylcyclohexane	50.000	48.318	3.4	89	0.00
40	TM	Benzene	50.000	47.307	5.4	86	0.00
41	T	Methacrylonitrile	50.000	46.000	8.0	78	0.00
42	TM	1,2-Dichloroethane	50.000	50.550	-1.1	92	0.00
43	T	Isopropyl Acetate	50.000	48.657	2.7	88	0.00
44	TM	Trichloroethene	50.000	47.861	4.3	89	0.00
45	C	1,2-Dichloropropane	50.000	44.914	10.2#	83	0.00
46	T	Dibromomethane	50.000	48.421	3.2	88	0.00
47	T	Bromodichloromethane	50.000	48.734	2.5	88	0.00
48	T	Methyl methacrylate	50.000	48.486	3.0	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1068.021	-6.8	98	-0.02
50	S	Toluene-d8	50.000	52.272	-4.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.115	-0.4	89	0.00
52	CM	Toluene	50.000	49.825	0.3#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	50.297	-0.6	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.920	4.2	87	0.00
55	T	1,1,2-Trichloroethane	50.000	48.847	2.3	87	0.00
56	T	Ethyl methacrylate	50.000	51.182	-2.4	88	0.00
57	T	1,3-Dichloropropane	50.000	48.792	2.4	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.427	-0.6	84	0.00
59	T	2-Hexanone	250.000	271.168	-8.5	94	0.00
60	T	Dibromochloromethane	50.000	51.203	-2.4	92	0.00
61	T	1,2-Dibromoethane	50.000	49.980	0.0	89	0.00
62	S	4-Bromofluorobenzene	50.000	53.090	-6.2	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	48.742	2.5	92	0.00
65	PM	Chlorobenzene	50.000	48.547	2.9	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.263	1.5	90	0.00
67	C	Ethyl Benzene	50.000	49.821	0.4#	90	0.00
68	T	m/p-Xylenes	100.000	100.312	-0.3	90	0.00
69	T	o-Xylene	50.000	50.036	-0.1	89	0.00
70	T	Styrene	50.000	50.844	-1.7	91	0.00
71	P	Bromoform	50.000	52.090	-4.2	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	47.993	4.0	92	0.00
74	T	N-amyl acetate	50.000	47.851	4.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.361	7.3	88	0.00
76	T	1,2,3-Trichloropropane	50.000	39.862	20.3	78	0.00
77	T	Bromobenzene	50.000	47.189	5.6	91	0.00
78	T	n-propylbenzene	50.000	47.583	4.8	90	0.00
79	T	2-Chlorotoluene	50.000	47.588	4.8	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.883	2.2	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.806	2.4	92	0.00
82	T	4-Chlorotoluene	50.000	47.188	5.6	89	0.00
83	T	tert-Butylbenzene	50.000	49.882	0.2	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.108	1.8	93	0.00
85	T	sec-Butylbenzene	50.000	48.884	2.2	92	0.00
86	T	p-Isopropyltoluene	50.000	49.821	0.4	94	0.00
87	T	1,3-Dichlorobenzene	50.000	48.560	2.9	92	0.00
88	T	1,4-Dichlorobenzene	50.000	48.168	3.7	93	0.00
89	T	n-Butylbenzene	50.000	49.029	1.9	93	0.00
90	T	Hexachloroethane	50.000	47.135	5.7	90	0.00
91	T	1,2-Dichlorobenzene	50.000	48.969	2.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.357	-4.7	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.472	-0.9	94	0.00
94	T	Hexachlorobutadiene	50.000	49.201	1.6	96	0.00
95	T	Naphthalene	50.000	52.749	-5.5	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.068	-0.1	95	0.00

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