Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015456.D
Acq On : 06 Sep 2023 18:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 06 19:01:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	119	0.00
2	T	Dichlorodifluoromethane	50.000	44.473	11.1	100	0.00
3	P	Chloromethane	50.000	40.702	18.6	90	0.00
4	C	Vinyl Chloride	50.000	39.820	20.4#	89	0.00
5	T	Bromomethane	50.000	42.203	15.6	95	-0.01
6	T	Chloroethane	50.000	41.313	17.4	94	0.00
7	T	Trichlorofluoromethane	50.000	42.843	14.3	98	0.00
8	T	Diethyl Ether	50.000	46.500	7.0	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.915	10.2	101	-0.01
10	T	Methyl Iodide	50.000	39.293	21.4	83	0.00
11	T	Tert butyl alcohol	250.000	216.198	13.5	103	0.00
12	CM	1,1-Dichloroethene	50.000	43.852	12.3#	99	-0.01
13	T	Acrolein	250.000	223.596	10.6	89	0.00
14	T	Allyl chloride	50.000	44.950	10.1	99	-0.01
15	T	Acrylonitrile	250.000	251.976	-0.8	106	-0.01
16	T	Acetone	250.000	200.623	19.8	76	0.00
17	T	Carbon Disulfide	50.000	38.903	22.2	87	0.00
18	T	Methyl Acetate	50.000	51.836	-3.7	110	0.00
19	T	Methyl tert-butyl Ether	50.000	47.641	4.7	103	0.00
20	T	Methylene Chloride	50.000	37.465	25.1#	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.302	13.4	97	-0.01
22	T	Diisopropyl ether	50.000	45.317	9.4	101	0.00
23	T	Vinyl Acetate	250.000	230.518	7.8	99	0.00
24	P	1,1-Dichloroethane	50.000	44.050	11.9	101	0.00
25	T	2-Butanone	250.000	239.401	4.2	96	0.00
26	T	2,2-Dichloropropane	50.000	44.549	10.9	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.034	9.9	100	0.00
28	T	Bromochloromethane	50.000	44.541	10.9	104	0.00
29	T	Tetrahydrofuran	250.000	252.514	-1.0	105	0.00
30	C	Chloroform	50.000	45.294	9.4#	103	0.00
31	T	Cyclohexane	50.000	40.099	19.8	95	-0.01
32	T	1,1,1-Trichloroethane	50.000	45.375	9.3	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.766	10.5	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35	S	Dibromofluoromethane	50.000	46.149	7.7	106	0.00
36	T	1,1-Dichloropropene	50.000	43.115	13.8	98	0.00
37	T	Ethyl Acetate	50.000	48.602	2.8	102	0.00
38	T	Carbon Tetrachloride	50.000	44.996	10.0	101	0.00
39	T	Methylcyclohexane	50.000	42.649	14.7	95	0.00
40	TM	Benzene	50.000	44.402	11.2	99	0.00
41	T	Methacrylonitrile	50.000	56.649	-13.3	118	0.00
42	TM	1,2-Dichloroethane	50.000	45.434	9.1	99	0.00
43	T	Isopropyl Acetate	50.000	49.309	1.4	104	0.00
44	TM	Trichloroethene	50.000	45.139	9.7	102	0.00
45	C	1,2-Dichloropropane	50.000	44.840	10.3#	99	0.00
46	T	Dibromomethane	50.000	45.880	8.2	101	0.00
47	T	Bromodichloromethane	50.000	46.315	7.4	102	0.00
48	T	Methyl methacrylate	50.000	48.015	4.0	100	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1114.914	-11.5	117	0.00
50	S	Toluene-d8	50.000	44.081	11.8	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.736	-1.9	105	0.00
52	CM	Toluene	50.000	45.253	9.5#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	47.204	5.6	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.531	6.9	101	0.00
55	T	1,1,2-Trichloroethane	50.000	47.467	5.1	104	0.00
56	T	Ethyl methacrylate	50.000	49.574	0.9	104	0.00
57	T	1,3-Dichloropropane	50.000	46.768	6.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.454	4.2	109	0.00
59	T	2-Hexanone	250.000	254.439	-1.8	102	0.00
60	T	Dibromochloromethane	50.000	48.385	3.2	105	0.00
61	T	1,2-Dibromoethane	50.000	48.196	3.6	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.266	3.5	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	48.933	2.1	109	0.00
65	PM	Chlorobenzene	50.000	45.205	9.6	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.162	5.7	106	0.00
67	C	Ethyl Benzene	50.000	46.402	7.2#	105	0.00
68	T	m/p-Xylenes	100.000	90.670	9.3	102	0.00
69	T	o-Xylene	50.000	47.001	6.0	105	0.00
70	T	Styrene	50.000	46.986	6.0	103	0.00
71	P	Bromoform	50.000	50.855	-1.7	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73	T	Isopropylbenzene	50.000	44.073	11.9	104	0.00
74	T	N-amyl acetate	50.000	47.370	5.3	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.906	8.2	104	0.00
76	T	1,2,3-Trichloropropane	50.000	53.182	-6.4	119	0.00
77	T	Bromobenzene	50.000	45.009	10.0	106	0.00
78	T	n-propylbenzene	50.000	43.394	13.2	101	0.00
79	T	2-Chlorotoluene	50.000	43.603	12.8	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.112	9.8	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.445	-4.9	117	0.00
82	T	4-Chlorotoluene	50.000	43.762	12.5	102	0.00
83	T	tert-Butylbenzene	50.000	45.843	8.3	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.622	8.8	106	0.00
85	T	sec-Butylbenzene	50.000	45.058	9.9	105	0.00
86	T	p-Isopropyltoluene	50.000	45.017	10.0	104	0.00
87	T	1,3-Dichlorobenzene	50.000	45.052	9.9	105	0.00
88	T	1,4-Dichlorobenzene	50.000	44.628	10.7	105	0.00
89	T	n-Butylbenzene	50.000	45.917	8.2	107	0.00
90	T	Hexachloroethane	50.000	45.505	9.0	106	0.00
91	T	1,2-Dichlorobenzene	50.000	45.790	8.4	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.436	-2.9	113	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.569	4.9	108	0.00
94	T	Hexachlorobutadiene	50.000	47.594	4.8	114	0.00
95	T	Naphthalene	50.000	84.575	-69.2#	184	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.801	2.4	113	0.00

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