Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012762.D
Acq On : 02 Mar 2023 16:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 03 01:55:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	47.738	4.5	100	0.00
3	P	Chloromethane	50.000	46.065	7.9	99	0.00
4	C	Vinyl Chloride	50.000	49.491	1.0#	100	0.00
5	T	Bromomethane	50.000	49.164	1.7	101	0.00
6	T	Chloroethane	50.000	50.248	-0.5	101	0.00
7	T	Trichlorofluoromethane	50.000	49.336	1.3	101	0.00
8	T	Diethyl Ether	50.000	49.396	1.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.024	-0.0	102	0.00
10	T	Methyl Iodide	50.000	51.605	-3.2	97	0.00
11	T	Tert butyl alcohol	250.000	227.171	9.1	92	0.00
12	CM	1,1-Dichloroethene	50.000	50.613	-1.2#	101	0.00
13	T	Acrolein	250.000	230.487	7.8	93	0.00
14	T	Allyl chloride	50.000	53.268	-6.5	105	0.00
15	T	Acrylonitrile	250.000	250.874	-0.3	99	0.00
16	T	Acetone	250.000	253.484	-1.4	93	0.00
17	T	Carbon Disulfide	50.000	50.534	-1.1	102	0.00
18	T	Methyl Acetate	50.000	48.947	2.1	96	0.00
19	T	Methyl tert-butyl Ether	50.000	53.082	-6.2	102	0.00
20	T	Methylene Chloride	50.000	50.273	-0.5	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.827	-3.7	103	0.00
22	T	Diisopropyl ether	50.000	54.418	-8.8	105	0.00
23	T	Vinyl Acetate	250.000	267.609	-7.0	102	0.00
24	P	1,1-Dichloroethane	50.000	52.264	-4.5	104	0.00
25	T	2-Butanone	250.000	253.027	-1.2	96	0.00
26	T	2,2-Dichloropropane	50.000	50.962	-1.9	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.743	-3.5	101	0.00
28	T	Bromochloromethane	50.000	53.063	-6.1	103	0.00
29	T	Tetrahydrofuran	250.000	250.784	-0.3	95	0.00
30	C	Chloroform	50.000	51.334	-2.7#	101	0.00
31	T	Cyclohexane	50.000	51.314	-2.6	105	0.00
32	T	1,1,1-Trichloroethane	50.000	51.249	-2.5	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.148	3.7	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	48.434	3.1	98	0.00
36	T	1,1-Dichloropropene	50.000	51.196	-2.4	103	0.00
37	T	Ethyl Acetate	50.000	49.363	1.3	102	0.00
38	T	Carbon Tetrachloride	50.000	51.022	-2.0	102	0.00
39	T	Methylcyclohexane	50.000	51.897	-3.8	101	0.00
40	TM	Benzene	50.000	51.185	-2.4	102	0.00
41	T	Methacrylonitrile	50.000	40.912	18.2	81	0.00
42	TM	1,2-Dichloroethane	50.000	49.922	0.2	99	0.00
43	T	Isopropyl Acetate	50.000	50.481	-1.0	99	0.00
44	TM	Trichloroethene	50.000	50.561	-1.1	101	0.00
45	C	1,2-Dichloropropane	50.000	51.712	-3.4#	105	0.00
46	T	Dibromomethane	50.000	49.829	0.3	99	0.00
47	T	Bromodichloromethane	50.000	49.986	0.0	100	0.00
48	T	Methyl methacrylate	50.000	52.014	-4.0	98	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	953.089	4.7	93	0.00
50	S	Toluene-d8	50.000	47.959	4.1	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	252.717	-1.1	97	0.00
52	CM	Toluene	50.000	51.113	-2.2#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	50.754	-1.5	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.941	-1.9	100	0.00
55	T	1,1,2-Trichloroethane	50.000	47.953	4.1	96	0.00
56	T	Ethyl methacrylate	50.000	51.564	-3.1	97	0.00
57	T	1,3-Dichloropropane	50.000	49.522	1.0	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.344	-1.7	96	0.00
59	T	2-Hexanone	250.000	255.729	-2.3	96	0.00
60	T	Dibromochloromethane	50.000	47.811	4.4	96	0.00
61	T	1,2-Dibromoethane	50.000	47.112	5.8	94	0.00
62	S	4-Bromofluorobenzene	50.000	47.039	5.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	48.774	2.5	96	0.00
65	PM	Chlorobenzene	50.000	50.248	-0.5	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.990	0.0	98	0.00
67	C	Ethyl Benzene	50.000	51.963	-3.9#	100	0.00
68	T	m/p-Xylenes	100.000	103.496	-3.5	99	0.00
69	T	o-Xylene	50.000	51.847	-3.7	100	0.00
70	T	Styrene	50.000	52.402	-4.8	99	0.00
71	P	Bromoform	50.000	47.412	5.2	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	53.362	-6.7	99	0.00
74	T	N-amyl acetate	50.000	52.446	-4.9	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.936	2.1	93	0.00
76	T	1,2,3-Trichloropropane	50.000	44.025	12.0	83	0.00
77	T	Bromobenzene	50.000	50.978	-2.0	96	0.00
78	T	n-propylbenzene	50.000	53.932	-7.9	99	0.00
79	T	2-Chlorotoluene	50.000	52.957	-5.9	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.421	-6.8	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.168	1.7	91	0.00
82	T	4-Chlorotoluene	50.000	51.567	-3.1	96	0.00
83	T	tert-Butylbenzene	50.000	52.690	-5.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.272	-6.5	98	0.00
85	T	sec-Butylbenzene	50.000	52.952	-5.9	99	0.00
86	T	p-Isopropyltoluene	50.000	52.629	-5.3	97	0.00
87	T	1,3-Dichlorobenzene	50.000	51.025	-2.0	96	0.00
88	T	1,4-Dichlorobenzene	50.000	49.905	0.2	95	0.00
89	T	n-Butylbenzene	50.000	52.632	-5.3	97	0.00
90	T	Hexachloroethane	50.000	50.107	-0.2	97	0.00
91	T	1,2-Dichlorobenzene	50.000	49.731	0.5	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.472	3.1	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.479	1.0	91	0.00
94	T	Hexachlorobutadiene	50.000	47.782	4.4	93	0.00
95	T	Naphthalene	50.000	49.253	1.5	88	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.543	2.9	90	0.00

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