Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
Data File : VY015678.D
Acq On : 21 Sep 2023 18:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 22 01:23:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	50.069	-0.1	83	0.00
3	P	Chloromethane	50.000	53.786	-7.6	90	0.00
4	C	Vinyl Chloride	50.000	53.879	-7.8#	90	0.00
5	T	Bromomethane	50.000	49.654	0.7	89	0.00
6	T	Chloroethane	50.000	54.028	-8.1	91	0.00
7	T	Trichlorofluoromethane	50.000	52.353	-4.7	91	0.00
8	T	Diethyl Ether	50.000	54.572	-9.1	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.020	-4.0	90	0.00
10	T	Methyl Iodide	50.000	44.541	10.9	77	0.00
11	T	Tert butyl alcohol	250.000	330.658	-32.3#	127	0.02
12	CM	1,1-Dichloroethene	50.000	51.860	-3.7#	90	0.00
13	T	Acrolein	250.000	289.197	-15.7	104	0.00
14	T	Allyl chloride	50.000	52.141	-4.3	89	0.00
15	T	Acrylonitrile	250.000	287.028	-14.8	103	0.00
16	T	Acetone	250.000	213.332	14.7	80	0.01
17	T	Carbon Disulfide	50.000	53.102	-6.2	86	0.00
18	T	Methyl Acetate	50.000	70.995	-42.0#	126	0.00
19	T	Methyl tert-butyl Ether	50.000	55.466	-10.9	96	0.01
20	T	Methylene Chloride	50.000	50.130	-0.3	89	0.01
21	T	trans-1,2-Dichloroethene	50.000	53.535	-7.1	89	0.00
22	T	Diisopropyl ether	50.000	54.390	-8.8	92	0.00
23	T	Vinyl Acetate	250.000	241.737	3.3	83	0.00
24	P	1,1-Dichloroethane	50.000	52.830	-5.7	91	0.01
25	T	2-Butanone	250.000	252.559	-1.0	97	0.01
26	T	2,2-Dichloropropane	50.000	40.068	19.9	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.423	-6.8	91	0.00
28	T	Bromochloromethane	50.000	52.384	-4.8	93	0.01
29	T	Tetrahydrofuran	250.000	293.569	-17.4	106	0.00
30	C	Chloroform	50.000	53.792	-7.6#	94	0.01
31	T	Cyclohexane	50.000	48.534	2.9	87	0.00
32	T	1,1,1-Trichloroethane	50.000	53.171	-6.3	92	0.01
33	S	1,2-Dichloroethane-d4	50.000	47.414	5.2	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	46.074	7.9	94	0.00
36	T	1,1-Dichloropropene	50.000	49.036	1.9	91	0.00
37	T	Ethyl Acetate	50.000	51.236	-2.5	99	0.01
38	T	Carbon Tetrachloride	50.000	49.358	1.3	91	0.00
39	T	Methylcyclohexane	50.000	48.207	3.6	88	0.00
40	TM	Benzene	50.000	50.059	-0.1	91	0.01
41	T	Methacrylonitrile	50.000	54.660	-9.3	118	0.01
42	TM	1,2-Dichloroethane	50.000	52.018	-4.0	97	0.00
43	T	Isopropyl Acetate	50.000	51.470	-2.9	97	0.00
44	TM	Trichloroethene	50.000	50.367	-0.7	93	0.00
45	C	1,2-Dichloropropane	50.000	50.602	-1.2#	92	0.00
46	T	Dibromomethane	50.000	52.046	-4.1	96	0.01
47	T	Bromodichloromethane	50.000	51.421	-2.8	95	0.00
48	T	Methyl methacrylate	50.000	54.044	-8.1	101	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	1148.030	-14.8	113	0.01
50	S	Toluene-d8	50.000	42.997	14.0	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.891	-10.0	104	0.00
52	CM	Toluene	50.000	50.143	-0.3#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	49.530	0.9	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.783	2.4	89	0.00
55	T	1,1,2-Trichloroethane	50.000	51.743	-3.5	97	0.00
56	T	Ethyl methacrylate	50.000	53.025	-6.0	96	0.00
57	T	1,3-Dichloropropane	50.000	51.279	-2.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.419	-1.8	101	0.00
59	T	2-Hexanone	250.000	263.930	-5.6	101	0.00
60	T	Dibromochloromethane	50.000	51.659	-3.3	95	0.00
61	T	1,2-Dibromoethane	50.000	52.063	-4.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	43.809	12.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	55.860	-11.7	103	0.00
65	PM	Chlorobenzene	50.000	49.638	0.7	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.726	-1.5	93	0.00
67	C	Ethyl Benzene	50.000	49.832	0.3#	91	0.00
68	T	m/p-Xylenes	100.000	99.724	0.3	91	0.00
69	T	o-Xylene	50.000	50.047	-0.1	91	0.00
70	T	Styrene	50.000	52.060	-4.1	93	0.00
71	P	Bromoform	50.000	54.045	-8.1	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	49.432	1.1	91	0.00
74	T	N-amyl acetate	50.000	48.295	3.4	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.716	-3.4	98	0.00
76	T	1,2,3-Trichloropropane	50.000	53.994	-8.0	98	0.00
77	T	Bromobenzene	50.000	50.356	-0.7	93	0.00
78	T	n-propylbenzene	50.000	48.372	3.3	87	0.00
79	T	2-Chlorotoluene	50.000	49.667	0.7	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.403	1.2	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.367	7.3	85	0.00
82	T	4-Chlorotoluene	50.000	49.153	1.7	89	0.00
83	T	tert-Butylbenzene	50.000	48.941	2.1	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.634	0.7	89	0.00
85	T	sec-Butylbenzene	50.000	48.459	3.1	87	0.00
86	T	p-Isopropyltoluene	50.000	48.047	3.9	86	0.00
87	T	1,3-Dichlorobenzene	50.000	48.811	2.4	89	0.00
88	T	1,4-Dichlorobenzene	50.000	49.155	1.7	90	0.00
89	T	n-Butylbenzene	50.000	46.186	7.6	83	0.00
90	T	Hexachloroethane	50.000	49.013	2.0	89	0.00
91	T	1,2-Dichlorobenzene	50.000	49.983	0.0	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.434	-6.9	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.509	9.0	82	0.00
94	T	Hexachlorobutadiene	50.000	45.419	9.2	81	0.00
95	T	Naphthalene	50.000	51.925	-3.8	93	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	48.158	3.7	87	0.00

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