Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012884.D
Acq On : 08 Mar 2023 20:19
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 09 00:40:37 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	47.269	5.5	85	0.00
3	P	Chloromethane	50.000	45.848	8.3	85	0.00
4	C	Vinyl Chloride	50.000	49.763	0.5#	87	0.00
5	T	Bromomethane	50.000	51.692	-3.4	92	0.00
6	T	Chloroethane	50.000	51.183	-2.4	89	0.00
7	T	Trichlorofluoromethane	50.000	49.635	0.7	88	0.00
8	T	Diethyl Ether	50.000	51.936	-3.9	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.232	1.5	87	0.00
10	T	Methyl Iodide	50.000	49.162	1.7	80	0.00
11	T	Tert butyl alcohol	250.000	288.989	-15.6	99	0.00
12	CM	1,1-Dichloroethene	50.000	50.086	-0.2#	87	0.00
13	T	Acrolein	250.000	220.571	11.8	77	0.00
14	T	Allyl chloride	50.000	50.530	-1.1	86	0.00
15	T	Acrylonitrile	250.000	280.954	-12.4	96	0.00
16	T	Acetone	250.000	239.683	4.1	76	0.00
17	T	Carbon Disulfide	50.000	47.184	5.6	82	0.00
18	T	Methyl Acetate	50.000	56.056	-12.1	95	0.00
19	T	Methyl tert-butyl Ether	50.000	55.193	-10.4	92	0.00
20	T	Methylene Chloride	50.000	54.983	-10.0	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.545	-1.1	87	0.00
22	T	Diisopropyl ether	50.000	52.978	-6.0	89	0.00
23	T	Vinyl Acetate	250.000	274.097	-9.6	90	0.00
24	P	1,1-Dichloroethane	50.000	51.384	-2.8	88	0.00
25	T	2-Butanone	250.000	271.039	-8.4	89	0.00
26	T	2,2-Dichloropropane	50.000	49.243	1.5	87	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.984	-8.0	91	0.00
28	T	Bromochloromethane	50.000	54.072	-8.1	91	0.00
29	T	Tetrahydrofuran	250.000	290.055	-16.0	95	0.00
30	C	Chloroform	50.000	53.482	-7.0#	91	0.00
31	T	Cyclohexane	50.000	46.698	6.6	83	0.00
32	T	1,1,1-Trichloroethane	50.000	51.802	-3.6	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.100	5.8	82	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	46.575	6.8	81	0.00
36	T	1,1-Dichloropropene	50.000	50.213	-0.4	87	0.00
37	T	Ethyl Acetate	50.000	55.814	-11.6	99	0.00
38	T	Carbon Tetrachloride	50.000	52.133	-4.3	89	0.00
39	T	Methylcyclohexane	50.000	50.129	-0.3	84	0.00
40	TM	Benzene	50.000	51.915	-3.8	89	0.00
41	T	Methacrylonitrile	50.000	56.125	-12.3	95	0.01
42	TM	1,2-Dichloroethane	50.000	53.425	-6.8	91	0.00
43	T	Isopropyl Acetate	50.000	55.139	-10.3	93	0.00
44	TM	Trichloroethene	50.000	51.942	-3.9	89	0.00
45	C	1,2-Dichloropropane	50.000	51.961	-3.9#	91	0.00
46	T	Dibromomethane	50.000	54.187	-8.4	92	0.00
47	T	Bromodichloromethane	50.000	53.364	-6.7	92	0.00
48	T	Methyl methacrylate	50.000	57.880	-15.8	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1200.134	-20.0	101	0.00
50	S	Toluene-d8	50.000	44.726	10.5	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.345	-17.3	96	0.00
52	CM	Toluene	50.000	53.039	-6.1#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	54.041	-8.1	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.928	-5.9	89	0.00
55	T	1,1,2-Trichloroethane	50.000	54.559	-9.1	94	0.00
56	T	Ethyl methacrylate	50.000	58.172	-16.3	94	0.00
57	T	1,3-Dichloropropane	50.000	55.215	-10.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.404	-14.2	92	0.00
59	T	2-Hexanone	250.000	290.561	-16.2	93	0.00
60	T	Dibromochloromethane	50.000	54.696	-9.4	94	0.00
61	T	1,2-Dibromoethane	50.000	55.201	-10.4	94	0.00
62	S	4-Bromofluorobenzene	50.000	47.808	4.4	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	50.596	-1.2	90	0.00
65	PM	Chlorobenzene	50.000	50.915	-1.8	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.322	-2.6	91	0.00
67	C	Ethyl Benzene	50.000	51.571	-3.1#	90	0.00
68	T	m/p-Xylenes	100.000	103.093	-3.1	89	0.00
69	T	o-Xylene	50.000	53.170	-6.3	93	0.00
70	T	Styrene	50.000	53.557	-7.1	91	0.00
71	P	Bromoform	50.000	54.558	-9.1	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	51.289	-2.6	90	0.00
74	T	N-amyl acetate	50.000	54.114	-8.2	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.752	-7.5	97	0.00
76	T	1,2,3-Trichloropropane	50.000	55.161	-10.3	99	0.00
77	T	Bromobenzene	50.000	51.015	-2.0	92	0.00
78	T	n-propylbenzene	50.000	50.978	-2.0	90	0.00
79	T	2-Chlorotoluene	50.000	51.236	-2.5	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.830	-3.7	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.956	-3.9	92	0.00
82	T	4-Chlorotoluene	50.000	51.066	-2.1	91	0.00
83	T	tert-Butylbenzene	50.000	52.434	-4.9	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.942	-3.9	91	0.00
85	T	sec-Butylbenzene	50.000	50.921	-1.8	90	0.00
86	T	p-Isopropyltoluene	50.000	51.169	-2.3	90	0.00
87	T	1,3-Dichlorobenzene	50.000	50.536	-1.1	91	0.00
88	T	1,4-Dichlorobenzene	50.000	49.969	0.1	91	0.00
89	T	n-Butylbenzene	50.000	51.063	-2.1	90	0.00
90	T	Hexachloroethane	50.000	50.126	-0.3	92	0.00
91	T	1,2-Dichlorobenzene	50.000	52.107	-4.2	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.796	-13.6	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.689	-3.4	91	0.00
94	T	Hexachlorobutadiene	50.000	48.424	3.2	90	0.00
95	T	Naphthalene	50.000	59.127	-18.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.514	-5.0	93	0.00

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