Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
Data File : VY013017.D
Acq On : 20 Mar 2023 18:47
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 21 01:16:16 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	52.299	-4.6	84	0.00
3	P	Chloromethane	50.000	45.689	8.6	76	0.00
4	C	Vinyl Chloride	50.000	47.120	5.8#	74	0.00
5	T	Bromomethane	50.000	54.264	-8.5	86	0.00
6	T	Chloroethane	50.000	51.774	-3.5	80	0.00
7	T	Trichlorofluoromethane	50.000	42.635	14.7	68	0.00
8	T	Diethyl Ether	50.000	56.685	-13.4	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.663	-7.3	85	0.00
10	T	Methyl Iodide	50.000	53.324	-6.6	78	0.00
11	T	Tert butyl alcohol	250.000	303.704	-21.5	93	0.00
12	CM	1,1-Dichloroethene	50.000	53.271	-6.5#	83	0.00
13	T	Acrolein	250.000	219.919	12.0	69	0.00
14	T	Allyl chloride	50.000	54.375	-8.8	83	0.00
15	T	Acrylonitrile	250.000	309.089	-23.6	95	0.00
16	T	Acetone	250.000	279.325	-11.7	80	0.00
17	T	Carbon Disulfide	50.000	52.755	-5.5	82	0.00
18	T	Methyl Acetate	50.000	60.668	-21.3	92	0.00
19	T	Methyl tert-butyl Ether	50.000	59.564	-19.1	89	0.00
20	T	Methylene Chloride	50.000	58.171	-16.3	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.641	-11.3	86	0.00
22	T	Diisopropyl ether	50.000	59.980	-20.0	90	0.00
23	T	Vinyl Acetate	250.000	308.848	-23.5	91	0.00
24	P	1,1-Dichloroethane	50.000	56.524	-13.0	87	0.00
25	T	2-Butanone	250.000	304.869	-21.9	89	0.00
26	T	2,2-Dichloropropane	50.000	52.568	-5.1	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.439	-16.9	88	0.00
28	T	Bromochloromethane	50.000	56.855	-13.7	86	0.00
29	T	Tetrahydrofuran	250.000	324.357	-29.7#	95	0.00
30	C	Chloroform	50.000	59.273	-18.5#	91	0.00
31	T	Cyclohexane	50.000	50.527	-1.1	80	0.00
32	T	1,1,1-Trichloroethane	50.000	55.506	-11.0	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.527	0.9	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	50.715	-1.4	79	0.00
36	T	1,1-Dichloropropene	50.000	54.106	-8.2	84	0.00
37	T	Ethyl Acetate	50.000	61.093	-22.2	97	0.00
38	T	Carbon Tetrachloride	50.000	55.502	-11.0	85	0.00
39	T	Methylcyclohexane	50.000	53.555	-7.1	80	0.00
40	TM	Benzene	50.000	56.756	-13.5	87	0.00
41	T	Methacrylonitrile	50.000	42.092	15.8	64	0.00
42	TM	1,2-Dichloroethane	50.000	59.434	-18.9	91	0.00
43	T	Isopropyl Acetate	50.000	61.134	-22.3	92	0.00
44	TM	Trichloroethene	50.000	55.799	-11.6	86	0.00
45	C	1,2-Dichloropropane	50.000	58.164	-16.3#	91	0.00
46	T	Dibromomethane	50.000	61.013	-22.0	93	0.00
47	T	Bromodichloromethane	50.000	59.400	-18.8	91	0.00
48	T	Methyl methacrylate	50.000	61.586	-23.2	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1370.444	-37.0#	103	0.00
50	S	Toluene-d8	50.000	45.332	9.3	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	324.928	-30.0#	96	0.00
52	CM	Toluene	50.000	58.644	-17.3#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	59.770	-19.5	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.913	-17.8	89	0.00
55	T	1,1,2-Trichloroethane	50.000	60.565	-21.1	93	0.00
56	T	Ethyl methacrylate	50.000	63.317	-26.6#	91	0.00
57	T	1,3-Dichloropropane	50.000	60.200	-20.4	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.648	-20.3	87	0.00
59	T	2-Hexanone	250.000	325.624	-30.2#	94	0.00
60	T	Dibromochloromethane	50.000	60.109	-20.2	92	0.00
61	T	1,2-Dibromoethane	50.000	61.317	-22.6	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.077	-2.2	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	53.290	-6.6	87	0.00
65	PM	Chlorobenzene	50.000	55.405	-10.8	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.870	-13.7	92	0.00
67	C	Ethyl Benzene	50.000	55.192	-10.4#	88	0.00
68	T	m/p-Xylenes	100.000	111.244	-11.2	88	0.00
69	T	o-Xylene	50.000	56.716	-13.4	91	0.00
70	T	Styrene	50.000	58.587	-17.2	91	0.00
71	P	Bromoform	50.000	59.856	-19.7	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	51.661	-3.3	87	0.00
74	T	N-amyl acetate	50.000	56.298	-12.6	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.985	-12.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	54.775	-9.5	95	0.00
77	T	Bromobenzene	50.000	53.368	-6.7	92	0.00
78	T	n-propylbenzene	50.000	52.032	-4.1	88	0.00
79	T	2-Chlorotoluene	50.000	52.265	-4.5	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.653	-5.3	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.505	-9.0	93	0.00
82	T	4-Chlorotoluene	50.000	53.119	-6.2	91	0.00
83	T	tert-Butylbenzene	50.000	52.309	-4.6	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.412	-8.8	92	0.00
85	T	sec-Butylbenzene	50.000	52.022	-4.0	89	0.00
86	T	p-Isopropyltoluene	50.000	52.466	-4.9	88	0.00
87	T	1,3-Dichlorobenzene	50.000	53.733	-7.5	93	0.00
88	T	1,4-Dichlorobenzene	50.000	52.753	-5.5	92	0.00
89	T	n-Butylbenzene	50.000	51.739	-3.5	87	0.00
90	T	Hexachloroethane	50.000	51.679	-3.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	55.075	-10.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.431	-10.9	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.075	-4.2	88	0.00
94	T	Hexachlorobutadiene	50.000	49.442	1.1	88	0.00
95	T	Naphthalene	50.000	56.193	-12.4	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.302	-6.6	91	0.00

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