Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015608.D
Acq On : 16 Sep 2023 07:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 16 07:45:24 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	114	0.02
2	T	Dichlorodifluoromethane	50.000	36.236	27.5#	78	0.01
3	P	Chloromethane	50.000	45.424	9.2	97	0.01
4	C	Vinyl Chloride	50.000	44.754	10.5#	96	0.01
5	T	Bromomethane	50.000	42.693	14.6	93	0.02
6	T	Chloroethane	50.000	48.024	4.0	105	0.01
7	T	Trichlorofluoromethane	50.000	45.317	9.4	99	0.01
8	T	Diethyl Ether	50.000	57.749	-15.5	122	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.949	6.1	102	0.01
10	T	Methyl Iodide	50.000	56.331	-12.7	114	0.02
11	T	Tert butyl alcohol	250.000	271.587	-8.6	121	0.05
12	CM	1,1-Dichloroethene	50.000	50.375	-0.8#	110	0.02
13	T	Acrolein	250.000	216.312	13.5	83	0.02
14	T	Allyl chloride	50.000	55.206	-10.4	117	0.02
15	T	Acrylonitrile	250.000	325.184	-30.1#	132	0.02
16	T	Acetone	250.000	252.617	-1.0	92	0.03
17	T	Carbon Disulfide	50.000	48.641	2.7	105	0.02
18	T	Methyl Acetate	50.000	71.817	-43.6#	146	0.02
19	T	Methyl tert-butyl Ether	50.000	60.084	-20.2	125	0.03
20	T	Methylene Chloride	50.000	57.883	-15.8	126	0.02
21	T	trans-1,2-Dichloroethene	50.000	53.571	-7.1	116	0.02
22	T	Diisopropyl ether	50.000	57.586	-15.2	123	0.02
23	T	Vinyl Acetate	250.000	275.569	-10.2	114	0.02
24	P	1,1-Dichloroethane	50.000	55.282	-10.6	122	0.03
25	T	2-Butanone	250.000	305.033	-22.0	117	0.02
26	T	2,2-Dichloropropane	50.000	45.379	9.2	99	0.02
27	T	cis-1,2-Dichloroethene	50.000	55.677	-11.4	119	0.02
28	T	Bromochloromethane	50.000	51.655	-3.3	116	0.02
29	T	Tetrahydrofuran	250.000	333.349	-33.3#	134	0.02
30	C	Chloroform	50.000	56.505	-13.0#	123	0.02
31	T	Cyclohexane	50.000	46.896	6.2	107	0.01
32	T	1,1,1-Trichloroethane	50.000	53.586	-7.2	116	0.02
33	S	1,2-Dichloroethane-d4	50.000	51.331	-2.7	116	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	122	0.02
35	S	Dibromofluoromethane	50.000	50.458	-0.9	120	0.01
36	T	1,1-Dichloropropene	50.000	48.300	3.4	114	0.02
37	T	Ethyl Acetate	50.000	60.025	-20.0	131	0.03
38	T	Carbon Tetrachloride	50.000	48.708	2.6	113	0.02
39	T	Methylcyclohexane	50.000	45.962	8.1	107	0.01
40	TM	Benzene	50.000	52.173	-4.3	121	0.02
41	T	Methacrylonitrile	50.000	64.262	-28.5#	139	0.00
42	TM	1,2-Dichloroethane	50.000	52.831	-5.7	120	0.01
43	T	Isopropyl Acetate	50.000	59.197	-18.4	129	0.02
44	TM	Trichloroethene	50.000	52.438	-4.9	123	0.02
45	C	1,2-Dichloropropane	50.000	53.446	-6.9#	123	0.01
46	T	Dibromomethane	50.000	55.213	-10.4	126	0.02
47	T	Bromodichloromethane	50.000	54.579	-9.2	124	0.02
48	T	Methyl methacrylate	50.000	59.562	-19.1	128	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1271.900	-27.2#	139	0.04
50	S	Toluene-d8	50.000	45.409	9.2	111	0.01
51	T	4-Methyl-2-Pentanone	250.000	316.470	-26.6#	135	0.01
52	CM	Toluene	50.000	52.558	-5.1#	120	0.01
53	T	t-1,3-Dichloropropene	50.000	53.862	-7.7	120	0.01
54	T	cis-1,3-Dichloropropene	50.000	52.301	-4.6	118	0.02
55	T	1,1,2-Trichloroethane	50.000	56.234	-12.5	127	0.01
56	T	Ethyl methacrylate	50.000	60.556	-21.1	132	0.01
57	T	1,3-Dichloropropane	50.000	55.369	-10.7	126	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	238.573	4.6	112	0.01
59	T	2-Hexanone	250.000	318.345	-27.3#	133	0.01
60	T	Dibromochloromethane	50.000	56.727	-13.5	127	0.01
61	T	1,2-Dibromoethane	50.000	57.291	-14.6	128	0.01
62	S	4-Bromofluorobenzene	50.000	49.774	0.5	120	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	120	0.01
64	T	Tetrachloroethene	50.000	57.780	-15.6	133	0.01
65	PM	Chlorobenzene	50.000	53.034	-6.1	124	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	54.881	-9.8	127	0.01
67	C	Ethyl Benzene	50.000	51.868	-3.7#	121	0.01
68	T	m/p-Xylenes	100.000	104.600	-4.6	122	0.00
69	T	o-Xylene	50.000	53.490	-7.0	124	0.01
70	T	Styrene	50.000	54.470	-8.9	123	0.00
71	P	Bromoform	50.000	59.789	-19.6	128	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.01
73	T	Isopropylbenzene	50.000	50.997	-2.0	119	0.01
74	T	N-amyl acetate	50.000	58.570	-17.1	125	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.876	-13.8	128	0.00
76	T	1,2,3-Trichloropropane	50.000	65.345	-30.7#	144	0.01
77	T	Bromobenzene	50.000	53.186	-6.4	124	0.01
78	T	n-propylbenzene	50.000	50.201	-0.4	115	0.01
79	T	2-Chlorotoluene	50.000	52.927	-5.9	122	0.01
80	T	1,3,5-Trimethylbenzene	50.000	54.719	-9.4	126	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.624	-9.2	120	0.00
82	T	4-Chlorotoluene	50.000	51.681	-3.4	119	0.01
83	T	tert-Butylbenzene	50.000	51.399	-2.8	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.888	-19.8	137	0.01
85	T	sec-Butylbenzene	50.000	50.077	-0.2	115	0.00
86	T	p-Isopropyltoluene	50.000	50.212	-0.4	114	0.01
87	T	1,3-Dichlorobenzene	50.000	51.471	-2.9	119	0.01
88	T	1,4-Dichlorobenzene	50.000	51.506	-3.0	120	0.00
89	T	n-Butylbenzene	50.000	49.800	0.4	114	0.00
90	T	Hexachloroethane	50.000	55.609	-11.2	128	0.01
91	T	1,2-Dichlorobenzene	50.000	53.616	-7.2	122	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	63.563	-27.1#	137	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.494	-5.0	118	0.01
94	T	Hexachlorobutadiene	50.000	47.894	4.2	114	0.00
95	T	Naphthalene	50.000	64.291	-28.6#	138	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.916	-9.8	125	0.00

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