Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016842.D
Acq On : 23 Dec 2023 06:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 06:44:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	73	0.02
2	T	Dichlorodifluoromethane	50.000	42.347	15.3	75	0.00
3	P	Chloromethane	50.000	52.007	-4.0	91	0.01
4	C	Vinyl Chloride	50.000	51.463	-2.9#	86	0.01
5	T	Bromomethane	50.000	53.493	-7.0	95	0.02
6	T	Chloroethane	50.000	53.117	-6.2	90	0.01
7	T	Trichlorofluoromethane	50.000	46.937	6.1	79	0.02
8	T	Diethyl Ether	50.000	56.554	-13.1	92	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.403	5.2	79	0.02
10	T	Methyl Iodide	50.000	48.898	2.2	77	0.02
11	T	Tert butyl alcohol	250.000	293.328	-17.3	98	0.03
12	CM	1,1-Dichloroethene	50.000	52.470	-4.9#	85	0.02
13	T	Acrolein	250.000	251.329	-0.5	69	0.02
14	T	Allyl chloride	50.000	56.018	-12.0	89	0.02
15	T	Acrylonitrile	250.000	320.092	-28.0#	97	0.03
16	T	Acetone	250.000	243.311	2.7	89	0.02
17	T	Carbon Disulfide	50.000	54.440	-8.9	86	0.02
18	T	Methyl Acetate	50.000	72.743	-45.5#	101	0.02
19	T	Methyl tert-butyl Ether	50.000	58.044	-16.1	92	0.03
20	T	Methylene Chloride	50.000	55.527	-11.1	94	0.03
21	T	trans-1,2-Dichloroethene	50.000	56.820	-13.6	91	0.02
22	T	Diisopropyl ether	50.000	60.767	-21.5	96	0.03
23	T	Vinyl Acetate	250.000	290.088	-16.0	92	0.02
24	P	1,1-Dichloroethane	50.000	58.188	-16.4	94	0.03
25	T	2-Butanone	250.000	279.115	-11.6	95	0.02
26	T	2,2-Dichloropropane	50.000	50.562	-1.1	84	0.02
27	T	cis-1,2-Dichloroethene	50.000	57.827	-15.7	92	0.02
28	T	Bromochloromethane	50.000	66.941	-33.9#	88	0.02
29	T	Tetrahydrofuran	250.000	328.826	-31.5#	98	0.02
30	C	Chloroform	50.000	58.290	-16.6#	95	0.02
31	T	Cyclohexane	50.000	46.869	6.3	79	0.02
32	T	1,1,1-Trichloroethane	50.000	53.199	-6.4	87	0.02
33	S	1,2-Dichloroethane-d4	50.000	64.609	-29.2#	82	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.02
35	S	Dibromofluoromethane	50.000	57.870	-15.7	79	0.02
36	T	1,1-Dichloropropene	50.000	49.470	1.1	86	0.02
37	T	Ethyl Acetate	50.000	57.312	-14.6	94	0.02
38	T	Carbon Tetrachloride	50.000	47.977	4.0	85	0.02
39	T	Methylcyclohexane	50.000	46.343	7.3	79	0.02
40	TM	Benzene	50.000	53.856	-7.7	93	0.02
41	T	Methacrylonitrile	50.000	67.234	-34.5#	101	0.02
42	TM	1,2-Dichloroethane	50.000	55.815	-11.6	95	0.02
43	T	Isopropyl Acetate	50.000	56.310	-12.6	95	0.02
44	TM	Trichloroethene	50.000	51.774	-3.5	91	0.02
45	C	1,2-Dichloropropane	50.000	54.806	-9.6#	96	0.02
46	T	Dibromomethane	50.000	54.911	-9.8	95	0.02
47	T	Bromodichloromethane	50.000	54.319	-8.6	95	0.02
48	T	Methyl methacrylate	50.000	56.977	-14.0	94	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1126.356	-12.6	93	0.01
50	S	Toluene-d8	50.000	58.686	-17.4	79	0.01
51	T	4-Methyl-2-Pentanone	250.000	294.779	-17.9	97	0.01
52	CM	Toluene	50.000	54.908	-9.8#	94	0.02
53	T	t-1,3-Dichloropropene	50.000	54.395	-8.8	91	0.02
54	T	cis-1,3-Dichloropropene	50.000	54.657	-9.3	93	0.01
55	T	1,1,2-Trichloroethane	50.000	55.684	-11.4	96	0.02
56	T	Ethyl methacrylate	50.000	58.280	-16.6	94	0.01
57	T	1,3-Dichloropropane	50.000	55.978	-12.0	95	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	348.662	-39.5#	81	0.02
59	T	2-Hexanone	250.000	264.157	-5.7	92	0.01
60	T	Dibromochloromethane	50.000	54.758	-9.5	95	0.01
61	T	1,2-Dibromoethane	50.000	55.589	-11.2	94	0.01
62	S	4-Bromofluorobenzene	50.000	58.760	-17.5	80	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.01
64	T	Tetrachloroethene	50.000	51.750	-3.5	95	0.02
65	PM	Chlorobenzene	50.000	52.531	-5.1	95	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	52.024	-4.0	94	0.01
67	C	Ethyl Benzene	50.000	52.342	-4.7#	94	0.02
68	T	m/p-Xylenes	100.000	104.812	-4.8	93	0.02
69	T	o-Xylene	50.000	52.995	-6.0	93	0.01
70	T	Styrene	50.000	53.850	-7.7	93	0.02
71	P	Bromoform	50.000	52.777	-5.6	93	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.01
73	T	Isopropylbenzene	50.000	51.712	-3.4	92	0.01
74	T	N-amyl acetate	50.000	52.992	-6.0	93	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	53.460	-6.9	97	0.01
76	T	1,2,3-Trichloropropane	50.000	57.186	-14.4	116	0.01
77	T	Bromobenzene	50.000	51.035	-2.1	92	0.01
78	T	n-propylbenzene	50.000	51.308	-2.6	91	0.01
79	T	2-Chlorotoluene	50.000	51.330	-2.7	92	0.02
80	T	1,3,5-Trimethylbenzene	50.000	52.520	-5.0	93	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	49.887	0.2	90	0.01
82	T	4-Chlorotoluene	50.000	51.660	-3.3	93	0.01
83	T	tert-Butylbenzene	50.000	52.179	-4.4	91	0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.189	-4.4	92	0.01
85	T	sec-Butylbenzene	50.000	50.311	-0.6	90	0.01
86	T	p-Isopropyltoluene	50.000	50.625	-1.3	90	0.01
87	T	1,3-Dichlorobenzene	50.000	50.136	-0.3	92	0.01
88	T	1,4-Dichlorobenzene	50.000	50.598	-1.2	92	0.01
89	T	n-Butylbenzene	50.000	49.960	0.1	87	0.01
90	T	Hexachloroethane	50.000	49.966	0.1	93	0.01
91	T	1,2-Dichlorobenzene	50.000	52.109	-4.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.636	-3.3	94	0.01
93	T	1,2,4-Trichlorobenzene	50.000	48.785	2.4	86	0.01
94	T	Hexachlorobutadiene	50.000	45.975	8.0	82	0.00
95	T	Naphthalene	50.000	45.652	8.7	87	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.897	2.2	84	0.01

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