Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
Data File : VY016927.D
Acq On : 08 Jan 2024 10:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 09 06:32:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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	49.610	0.8	88	0.00
3	P	Chloromethane	50.000	48.860	2.3	88	0.01
4	C	Vinyl Chloride	50.000	50.511	-1.0#	89	0.00
5	T	Bromomethane	50.000	47.909	4.2	90	0.01
6	T	Chloroethane	50.000	51.031	-2.1	91	0.00
7	T	Trichlorofluoromethane	50.000	52.166	-4.3	92	0.01
8	T	Diethyl Ether	50.000	50.476	-1.0	87	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.802	-5.6	95	0.02
10	T	Methyl Iodide	50.000	55.337	-10.7	90	0.01
11	T	Tert butyl alcohol	250.000	235.811	5.7	84	0.01
12	CM	1,1-Dichloroethene	50.000	53.479	-7.0#	94	0.01
13	T	Acrolein	250.000	223.064	10.8	83	0.01
14	T	Allyl chloride	50.000	53.238	-6.5	92	0.01
15	T	Acrylonitrile	250.000	244.675	2.1	86	0.01
16	T	Acetone	250.000	242.089	3.2	86	0.00
17	T	Carbon Disulfide	50.000	51.201	-2.4	85	0.01
18	T	Methyl Acetate	50.000	54.880	-9.8	87	0.00
19	T	Methyl tert-butyl Ether	50.000	50.811	-1.6	87	0.02
20	T	Methylene Chloride	50.000	48.045	3.9	85	0.02
21	T	trans-1,2-Dichloroethene	50.000	52.647	-5.3	91	0.01
22	T	Diisopropyl ether	50.000	54.248	-8.5	91	0.01
23	T	Vinyl Acetate	250.000	248.120	0.8	86	0.01
24	P	1,1-Dichloroethane	50.000	53.155	-6.3	92	0.01
25	T	2-Butanone	250.000	237.536	5.0	83	0.01
26	T	2,2-Dichloropropane	50.000	53.834	-7.7	95	0.01
27	T	cis-1,2-Dichloroethene	50.000	53.940	-7.9	93	0.00
28	T	Bromochloromethane	50.000	58.174	-16.3	93	0.00
29	T	Tetrahydrofuran	250.000	239.470	4.2	82	0.01
30	C	Chloroform	50.000	52.754	-5.5#	92	0.00
31	T	Cyclohexane	50.000	51.564	-3.1	91	0.01
32	T	1,1,1-Trichloroethane	50.000	53.987	-8.0	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.940	-1.9	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	52.978	-6.0	94	0.01
36	T	1,1-Dichloropropene	50.000	54.757	-9.5	93	0.01
37	T	Ethyl Acetate	50.000	48.996	2.0	85	0.00
38	T	Carbon Tetrachloride	50.000	54.128	-8.3	93	0.00
39	T	Methylcyclohexane	50.000	56.066	-12.1	92	0.01
40	TM	Benzene	50.000	53.520	-7.0	92	0.01
41	T	Methacrylonitrile	50.000	50.641	-1.3	96	0.00
42	TM	1,2-Dichloroethane	50.000	50.711	-1.4	88	0.00
43	T	Isopropyl Acetate	50.000	48.111	3.8	84	0.01
44	TM	Trichloroethene	50.000	54.878	-9.8	94	0.01
45	C	1,2-Dichloropropane	50.000	52.756	-5.5#	91	0.00
46	T	Dibromomethane	50.000	50.709	-1.4	88	0.01
47	T	Bromodichloromethane	50.000	52.393	-4.8	91	0.00
48	T	Methyl methacrylate	50.000	49.329	1.3	82	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1005.600	-0.6	89	0.00
50	S	Toluene-d8	50.000	55.523	-11.0	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	245.027	2.0	82	0.00
52	CM	Toluene	50.000	54.775	-9.5#	93	0.01
53	T	t-1,3-Dichloropropene	50.000	52.462	-4.9	88	0.01
54	T	cis-1,3-Dichloropropene	50.000	53.772	-7.5	91	0.00
55	T	1,1,2-Trichloroethane	50.000	50.764	-1.5	88	0.00
56	T	Ethyl methacrylate	50.000	51.995	-4.0	86	0.00
57	T	1,3-Dichloropropane	50.000	51.358	-2.7	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.681	-2.3	92	0.01
59	T	2-Hexanone	250.000	231.964	7.2	82	0.00
60	T	Dibromochloromethane	50.000	51.713	-3.4	88	0.00
61	T	1,2-Dibromoethane	50.000	52.031	-4.1	88	0.00
62	S	4-Bromofluorobenzene	50.000	52.087	-4.2	93	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	53.386	-6.8	91	0.01
65	PM	Chlorobenzene	50.000	54.548	-9.1	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.479	-9.0	92	0.00
67	C	Ethyl Benzene	50.000	57.023	-14.0#	93	0.01
68	T	m/p-Xylenes	100.000	114.521	-14.5	93	0.01
69	T	o-Xylene	50.000	56.537	-13.1	91	0.00
70	T	Styrene	50.000	57.482	-15.0	91	0.01
71	P	Bromoform	50.000	51.243	-2.5	85	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	57.903	-15.8	94	0.01
74	T	N-amyl acetate	50.000	50.850	-1.7	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.150	-0.3	87	0.00
76	T	1,2,3-Trichloropropane	50.000	50.347	-0.7	76	0.00
77	T	Bromobenzene	50.000	53.838	-7.7	91	0.00
78	T	n-propylbenzene	50.000	57.702	-15.4	93	0.01
79	T	2-Chlorotoluene	50.000	55.683	-11.4	92	0.01
80	T	1,3,5-Trimethylbenzene	50.000	57.613	-15.2	93	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	50.229	-0.5	86	0.01
82	T	4-Chlorotoluene	50.000	56.124	-12.2	93	0.01
83	T	tert-Butylbenzene	50.000	58.515	-17.0	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.746	-15.5	93	0.00
85	T	sec-Butylbenzene	50.000	58.242	-16.5	94	0.00
86	T	p-Isopropyltoluene	50.000	58.842	-17.7	94	0.00
87	T	1,3-Dichlorobenzene	50.000	55.222	-10.4	93	0.01
88	T	1,4-Dichlorobenzene	50.000	54.087	-8.2	92	0.00
89	T	n-Butylbenzene	50.000	58.793	-17.6	94	0.01
90	T	Hexachloroethane	50.000	55.022	-10.0	93	0.00
91	T	1,2-Dichlorobenzene	50.000	53.750	-7.5	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.536	4.9	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.543	-17.1	93	0.00
94	T	Hexachlorobutadiene	50.000	57.692	-15.4	96	0.00
95	T	Naphthalene	50.000	54.584	-9.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.876	-13.8	91	0.00

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