Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019817.D
Acq On : 08 Oct 2024 11:29
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: Oct 09 02:04:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 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	36	0.00
2	T	Dichlorodifluoromethane	50.000	40.697	18.6	31	0.00
3	P	Chloromethane	50.000	47.509	5.0	36	0.00
4	C	Vinyl Chloride	50.000	52.712	-5.4#	38	0.00
5	T	Bromomethane	50.000	59.167	-18.3	41	0.00
6	T	Chloroethane	50.000	59.382	-18.8	42	0.00
7	T	Trichlorofluoromethane	50.000	53.611	-7.2	39	0.00
8	T	Diethyl Ether	50.000	51.308	-2.6	35	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.450	-6.9	39	0.00
10	T	Methyl Iodide	50.000	41.313	17.4	29	0.00
11	T	Tert butyl alcohol	250.000	258.905	-3.6	35	0.02
12	CM	1,1-Dichloroethene	50.000	49.535	0.9#	35	0.00
13	T	Acrolein	250.000	76.030	69.6#	14	0.00
14	T	Allyl chloride	50.000	52.291	-4.6	37	0.00
15	T	Acrylonitrile	250.000	273.461	-9.4	37	0.00
16	T	Acetone	250.000	310.987	-24.4	40	0.00
17	T	Carbon Disulfide	50.000	44.153	11.7	30	0.00
18	T	Methyl Acetate	50.000	54.164	-8.3	34	0.00
19	T	Methyl tert-butyl Ether	50.000	53.869	-7.7	37	0.00
20	T	Methylene Chloride	50.000	51.607	-3.2	37	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.131	-2.3	36	0.00
22	T	Diisopropyl ether	50.000	57.820	-15.6	40	0.00
23	T	Vinyl Acetate	250.000	278.310	-11.3	38	0.00
24	P	1,1-Dichloroethane	50.000	57.020	-14.0	40	0.00
25	T	2-Butanone	250.000	283.928	-13.6	37	0.00
26	T	2,2-Dichloropropane	50.000	57.220	-14.4	41	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.413	-8.8	38	0.00
28	T	Bromochloromethane	50.000	63.567	-27.1#	43	0.00
29	T	Tetrahydrofuran	250.000	268.638	-7.5	36	0.00
30	C	Chloroform	50.000	58.261	-16.5#	40	0.00
31	T	Cyclohexane	50.000	49.885	0.2	37	0.00
32	T	1,1,1-Trichloroethane	50.000	56.089	-12.2	40	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.224	-22.4	42	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	36	0.00
35	S	Dibromofluoromethane	50.000	56.045	-12.1	40	0.00
36	T	1,1-Dichloropropene	50.000	54.547	-9.1	39	0.00
37	T	Ethyl Acetate	50.000	51.981	-4.0	35	0.00
38	T	Carbon Tetrachloride	50.000	54.168	-8.3	39	0.00
39	T	Methylcyclohexane	50.000	49.647	0.7	36	0.00
40	TM	Benzene	50.000	53.366	-6.7	38	0.00
41	T	Methacrylonitrile	50.000	53.171	-6.3	34	0.00
42	TM	1,2-Dichloroethane	50.000	57.524	-15.0	40	0.00
43	T	Isopropyl Acetate	50.000	52.432	-4.9	36	0.00
44	TM	Trichloroethene	50.000	50.913	-1.8	36	0.00
45	C	1,2-Dichloropropane	50.000	55.199	-10.4#	39	0.00
46	T	Dibromomethane	50.000	54.227	-8.5	37	0.00
47	T	Bromodichloromethane	50.000	55.346	-10.7	39	0.00
48	T	Methyl methacrylate	50.000	50.955	-1.9	34	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1032.244	-3.2	36	0.00
50	S	Toluene-d8	50.000	54.151	-8.3	38	0.00
51	T	4-Methyl-2-Pentanone	250.000	270.267	-8.1	37	0.00
52	CM	Toluene	50.000	53.445	-6.9#	37	0.00
53	T	t-1,3-Dichloropropene	50.000	51.542	-3.1	36	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.366	-6.7	37	0.00
55	T	1,1,2-Trichloroethane	50.000	52.979	-6.0	36	0.00
56	T	Ethyl methacrylate	50.000	50.303	-0.6	35	0.00
57	T	1,3-Dichloropropane	50.000	53.486	-7.0	37	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	307.889	-23.2	43	0.00
59	T	2-Hexanone	250.000	266.495	-6.6	36	0.00
60	T	Dibromochloromethane	50.000	52.888	-5.8	36	0.00
61	T	1,2-Dibromoethane	50.000	51.422	-2.8	36	0.00
62	S	4-Bromofluorobenzene	50.000	51.631	-3.3	38	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	36	0.00
64	T	Tetrachloroethene	50.000	50.126	-0.3	35	0.00
65	PM	Chlorobenzene	50.000	53.405	-6.8	37	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.331	-6.7	37	0.00
67	C	Ethyl Benzene	50.000	55.275	-10.5#	39	0.00
68	T	m/p-Xylenes	100.000	106.808	-6.8	37	0.00
69	T	o-Xylene	50.000	53.183	-6.4	37	0.00
70	T	Styrene	50.000	53.227	-6.5	37	0.00
71	P	Bromoform	50.000	50.721	-1.4	34	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	36	0.00
73	T	Isopropylbenzene	50.000	54.776	-9.6	39	0.00
74	T	N-amyl acetate	50.000	51.663	-3.3	36	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.568	-7.1	37	0.00
76	T	1,2,3-Trichloropropane	50.000	49.723	0.6	32	0.00
77	T	Bromobenzene	50.000	51.257	-2.5	36	0.00
78	T	n-propylbenzene	50.000	55.562	-11.1	40	0.00
79	T	2-Chlorotoluene	50.000	54.137	-8.3	39	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.827	-7.7	38	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.534	10.9	31	0.00
82	T	4-Chlorotoluene	50.000	53.571	-7.1	38	0.00
83	T	tert-Butylbenzene	50.000	53.932	-7.9	38	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.244	-8.5	39	0.00
85	T	sec-Butylbenzene	50.000	56.085	-12.2	40	0.00
86	T	p-Isopropyltoluene	50.000	55.420	-10.8	40	0.00
87	T	1,3-Dichlorobenzene	50.000	53.862	-7.7	38	0.00
88	T	1,4-Dichlorobenzene	50.000	52.979	-6.0	37	0.00
89	T	n-Butylbenzene	50.000	57.153	-14.3	41	0.00
90	T	Hexachloroethane	50.000	51.988	-4.0	37	0.00
91	T	1,2-Dichlorobenzene	50.000	52.879	-5.8	37	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.814	2.4	34	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.921	-1.8	35	0.00
94	T	Hexachlorobutadiene	50.000	53.687	-7.4	39	0.00
95	T	Naphthalene	50.000	47.099	5.8	32	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.205	1.6	34	0.00

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