Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
Data File : VY021185.D
Acq On : 13 Feb 2025 09:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 14 00:37:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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	71	0.00
2	T	Dichlorodifluoromethane	50.000	52.351	-4.7	75	0.00
3	P	Chloromethane	50.000	49.562	0.9	74	0.00
4	C	Vinyl Chloride	50.000	50.764	-1.5#	76	0.00
5	T	Bromomethane	50.000	47.866	4.3	73	0.00
6	T	Chloroethane	50.000	52.006	-4.0	77	0.00
7	T	Trichlorofluoromethane	50.000	51.737	-3.5	76	0.00
8	T	Diethyl Ether	50.000	51.315	-2.6	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.214	-4.4	76	0.00
10	T	Methyl Iodide	50.000	50.781	-1.6	70	0.00
11	T	Tert butyl alcohol	250.000	240.355	3.9	75	0.00
12	CM	1,1-Dichloroethene	50.000	50.862	-1.7#	74	0.00
13	T	Acrolein	250.000	190.065	24.0	55	0.00
14	T	Allyl chloride	50.000	52.964	-5.9	76	0.00
15	T	Acrylonitrile	250.000	266.513	-6.6	75	0.00
16	T	Acetone	250.000	267.691	-7.1	79	0.00
17	T	Carbon Disulfide	50.000	48.942	2.1	71	0.00
18	T	Methyl Acetate	50.000	56.847	-13.7	79	0.00
19	T	Methyl tert-butyl Ether	50.000	53.547	-7.1	76	0.00
20	T	Methylene Chloride	50.000	51.604	-3.2	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.675	-1.3	73	0.00
22	T	Diisopropyl ether	50.000	54.775	-9.5	78	0.00
23	T	Vinyl Acetate	250.000	272.733	-9.1	76	0.00
24	P	1,1-Dichloroethane	50.000	52.704	-5.4	77	0.00
25	T	2-Butanone	250.000	271.754	-8.7	75	0.00
26	T	2,2-Dichloropropane	50.000	53.514	-7.0	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.704	-5.4	76	0.00
28	T	Bromochloromethane	50.000	54.443	-8.9	72	0.00
29	T	Tetrahydrofuran	250.000	270.833	-8.3	75	0.00
30	C	Chloroform	50.000	53.478	-7.0#	78	0.00
31	T	Cyclohexane	50.000	49.774	0.5	75	0.00
32	T	1,1,1-Trichloroethane	50.000	53.741	-7.5	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.687	-1.4	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35	S	Dibromofluoromethane	50.000	50.359	-0.7	73	0.00
36	T	1,1-Dichloropropene	50.000	53.679	-7.4	78	0.00
37	T	Ethyl Acetate	50.000	54.777	-9.6	76	0.00
38	T	Carbon Tetrachloride	50.000	54.643	-9.3	78	0.00
39	T	Methylcyclohexane	50.000	53.708	-7.4	75	0.00
40	TM	Benzene	50.000	52.926	-5.9	75	0.00
41	T	Methacrylonitrile	50.000	47.101	5.8	72	0.00
42	TM	1,2-Dichloroethane	50.000	54.740	-9.5	79	0.00
43	T	Isopropyl Acetate	50.000	54.950	-9.9	76	0.00
44	TM	Trichloroethene	50.000	52.633	-5.3	77	0.00
45	C	1,2-Dichloropropane	50.000	53.795	-7.6#	77	0.00
46	T	Dibromomethane	50.000	53.515	-7.0	76	0.00
47	T	Bromodichloromethane	50.000	54.576	-9.2	78	0.00
48	T	Methyl methacrylate	50.000	57.147	-14.3	79	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	1161.038	-16.1	80	0.00
50	S	Toluene-d8	50.000	50.060	-0.1	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.834	-12.3	76	0.00
52	CM	Toluene	50.000	54.164	-8.3#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	55.790	-11.6	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.326	-8.7	76	0.00
55	T	1,1,2-Trichloroethane	50.000	52.778	-5.6	75	0.00
56	T	Ethyl methacrylate	50.000	56.065	-12.1	74	0.00
57	T	1,3-Dichloropropane	50.000	54.804	-9.6	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.361	-15.3	78	0.00
59	T	2-Hexanone	250.000	288.579	-15.4	76	0.00
60	T	Dibromochloromethane	50.000	53.638	-7.3	77	0.00
61	T	1,2-Dibromoethane	50.000	52.995	-6.0	74	0.00
62	S	4-Bromofluorobenzene	50.000	52.763	-5.5	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64	T	Tetrachloroethene	50.000	53.338	-6.7	76	0.00
65	PM	Chlorobenzene	50.000	52.759	-5.5	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.728	-7.5	77	0.00
67	C	Ethyl Benzene	50.000	54.697	-9.4#	77	0.00
68	T	m/p-Xylenes	100.000	108.774	-8.8	76	0.00
69	T	o-Xylene	50.000	55.478	-11.0	78	0.00
70	T	Styrene	50.000	55.885	-11.8	77	0.00
71	P	Bromoform	50.000	54.473	-8.9	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73	T	Isopropylbenzene	50.000	53.549	-7.1	78	0.00
74	T	N-amyl acetate	50.000	55.442	-10.9	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.726	-5.5	77	0.00
76	T	1,2,3-Trichloropropane	50.000	46.583	6.8	65	0.00
77	T	Bromobenzene	50.000	52.153	-4.3	77	0.00
78	T	n-propylbenzene	50.000	54.672	-9.3	79	0.00
79	T	2-Chlorotoluene	50.000	53.549	-7.1	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.645	-9.3	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.752	-7.5	76	0.00
82	T	4-Chlorotoluene	50.000	54.319	-8.6	80	0.00
83	T	tert-Butylbenzene	50.000	54.294	-8.6	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.067	-10.1	79	0.00
85	T	sec-Butylbenzene	50.000	54.514	-9.0	79	0.00
86	T	p-Isopropyltoluene	50.000	55.435	-10.9	79	0.00
87	T	1,3-Dichlorobenzene	50.000	52.709	-5.4	77	0.00
88	T	1,4-Dichlorobenzene	50.000	52.624	-5.2	77	0.00
89	T	n-Butylbenzene	50.000	56.427	-12.9	80	0.00
90	T	Hexachloroethane	50.000	53.713	-7.4	79	0.00
91	T	1,2-Dichlorobenzene	50.000	52.842	-5.7	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.764	-9.5	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.691	-11.4	76	0.00
94	T	Hexachlorobutadiene	50.000	54.976	-10.0	78	0.00
95	T	Naphthalene	50.000	56.369	-12.7	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.417	-8.8	74	0.00

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