Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
Data File : VY019776.D
Acq On : 03 Oct 2024 09:44
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: Oct 04 01:21:22 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	41	0.00
2	T	Dichlorodifluoromethane	50.000	40.357	19.3	35	0.00
3	P	Chloromethane	50.000	45.196	9.6	39	0.00
4	C	Vinyl Chloride	50.000	50.176	-0.4#	41	0.00
5	T	Bromomethane	50.000	57.009	-14.0	46	0.00
6	T	Chloroethane	50.000	56.028	-12.1	46	0.00
7	T	Trichlorofluoromethane	50.000	51.872	-3.7	44	0.00
8	T	Diethyl Ether	50.000	49.585	0.8	39	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.305	-4.6	44	0.01
10	T	Methyl Iodide	50.000	41.882	16.2	33	0.00
11	T	Tert butyl alcohol	250.000	258.502	-3.4	40	0.01
12	CM	1,1-Dichloroethene	50.000	49.649	0.7#	41	0.00
13	T	Acrolein	250.000	98.125	60.8#	20	0.00
14	T	Allyl chloride	50.000	49.862	0.3	40	0.00
15	T	Acrylonitrile	250.000	255.255	-2.1	39	0.00
16	T	Acetone	250.000	295.100	-18.0	43	0.00
17	T	Carbon Disulfide	50.000	44.275	11.5	34	0.00
18	T	Methyl Acetate	50.000	49.294	1.4	35	0.00
19	T	Methyl tert-butyl Ether	50.000	51.378	-2.8	41	0.00
20	T	Methylene Chloride	50.000	48.977	2.0	40	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.042	-0.1	40	0.01
22	T	Diisopropyl ether	50.000	53.347	-6.7	42	0.00
23	T	Vinyl Acetate	250.000	259.007	-3.6	41	0.00
24	P	1,1-Dichloroethane	50.000	53.878	-7.8	43	0.00
25	T	2-Butanone	250.000	267.362	-6.9	41	0.00
26	T	2,2-Dichloropropane	50.000	55.010	-10.0	45	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.526	-5.1	42	0.00
28	T	Bromochloromethane	50.000	62.944	-25.9#	49	0.00
29	T	Tetrahydrofuran	250.000	245.743	1.7	38	0.00
30	C	Chloroform	50.000	55.090	-10.2#	44	0.00
31	T	Cyclohexane	50.000	46.509	7.0	40	0.00
32	T	1,1,1-Trichloroethane	50.000	53.604	-7.2	44	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.074	-14.1	45	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	42	0.00
35	S	Dibromofluoromethane	50.000	54.195	-8.4	44	0.00
36	T	1,1-Dichloropropene	50.000	52.038	-4.1	42	0.00
37	T	Ethyl Acetate	50.000	48.754	2.5	38	0.00
38	T	Carbon Tetrachloride	50.000	52.659	-5.3	44	0.00
39	T	Methylcyclohexane	50.000	48.406	3.2	40	0.00
40	TM	Benzene	50.000	51.480	-3.0	42	0.00
41	T	Methacrylonitrile	50.000	41.351	17.3	30	0.00
42	TM	1,2-Dichloroethane	50.000	54.389	-8.8	44	0.00
43	T	Isopropyl Acetate	50.000	48.916	2.2	39	0.00
44	TM	Trichloroethene	50.000	50.803	-1.6	41	0.00
45	C	1,2-Dichloropropane	50.000	52.257	-4.5#	43	0.00
46	T	Dibromomethane	50.000	52.832	-5.7	42	0.00
47	T	Bromodichloromethane	50.000	53.477	-7.0	43	0.00
48	T	Methyl methacrylate	50.000	47.021	6.0	36	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	979.664	2.0	39	0.00
50	S	Toluene-d8	50.000	52.539	-5.1	42	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.627	0.9	39	0.00
52	CM	Toluene	50.000	51.802	-3.6#	42	0.00
53	T	t-1,3-Dichloropropene	50.000	50.164	-0.3	40	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.949	-1.9	41	0.00
55	T	1,1,2-Trichloroethane	50.000	51.652	-3.3	41	0.00
56	T	Ethyl methacrylate	50.000	48.664	2.7	39	0.00
57	T	1,3-Dichloropropane	50.000	50.920	-1.8	41	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.414	-9.4	44	0.00
59	T	2-Hexanone	250.000	243.604	2.6	38	0.00
60	T	Dibromochloromethane	50.000	50.698	-1.4	40	0.00
61	T	1,2-Dibromoethane	50.000	49.279	1.4	39	0.00
62	S	4-Bromofluorobenzene	50.000	49.729	0.5	42	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	41	0.00
64	T	Tetrachloroethene	50.000	50.046	-0.1	40	0.00
65	PM	Chlorobenzene	50.000	52.774	-5.5	42	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.201	-6.4	43	0.00
67	C	Ethyl Benzene	50.000	53.425	-6.8#	43	0.00
68	T	m/p-Xylenes	100.000	104.682	-4.7	42	0.00
69	T	o-Xylene	50.000	51.136	-2.3	41	0.00
70	T	Styrene	50.000	52.019	-4.0	41	0.00
71	P	Bromoform	50.000	47.954	4.1	37	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	41	0.00
73	T	Isopropylbenzene	50.000	52.107	-4.2	43	0.00
74	T	N-amyl acetate	50.000	47.218	5.6	38	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.922	-1.8	41	0.00
76	T	1,2,3-Trichloropropane	50.000	46.687	6.6	35	0.00
77	T	Bromobenzene	50.000	49.085	1.8	40	0.00
78	T	n-propylbenzene	50.000	53.004	-6.0	44	0.00
79	T	2-Chlorotoluene	50.000	51.437	-2.9	42	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.836	-3.7	42	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.210	13.6	35	0.00
82	T	4-Chlorotoluene	50.000	51.083	-2.2	42	0.00
83	T	tert-Butylbenzene	50.000	51.427	-2.9	42	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.504	-3.0	42	0.00
85	T	sec-Butylbenzene	50.000	52.666	-5.3	43	0.00
86	T	p-Isopropyltoluene	50.000	52.462	-4.9	43	0.00
87	T	1,3-Dichlorobenzene	50.000	51.645	-3.3	42	0.00
88	T	1,4-Dichlorobenzene	50.000	51.149	-2.3	42	0.00
89	T	n-Butylbenzene	50.000	53.055	-6.1	44	0.00
90	T	Hexachloroethane	50.000	49.670	0.7	41	0.00
91	T	1,2-Dichlorobenzene	50.000	50.448	-0.9	41	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.656	8.7	37	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.206	5.6	38	0.00
94	T	Hexachlorobutadiene	50.000	49.099	1.8	41	0.00
95	T	Naphthalene	50.000	43.790	12.4	34	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.138	7.7	37	0.00

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