Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019532.D
Acq On : 13 Sep 2024 10:30
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: Sep 13 23:28:30 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	47.818	4.4	68	0.00
3	P	Chloromethane	50.000	49.255	1.5	72	0.00
4	C	Vinyl Chloride	50.000	54.058	-8.1#	74	0.00
5	T	Bromomethane	50.000	62.066	-24.1	83	0.00
6	T	Chloroethane	50.000	58.074	-16.1	79	0.00
7	T	Trichlorofluoromethane	50.000	54.918	-9.8	77	0.00
8	T	Diethyl Ether	50.000	51.942	-3.9	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.855	-5.7	73	0.00
10	T	Methyl Iodide	50.000	49.768	0.5	66	0.00
11	T	Tert butyl alcohol	250.000	243.284	2.7	63	0.00
12	CM	1,1-Dichloroethene	50.000	52.184	-4.4#	71	0.00
13	T	Acrolein	250.000	213.000	14.8	67	0.00
14	T	Allyl chloride	50.000	50.606	-1.2	68	0.00
15	T	Acrylonitrile	250.000	250.897	-0.4	64	0.00
16	T	Acetone	250.000	264.498	-5.8	65	0.00
17	T	Carbon Disulfide	50.000	52.882	-5.8	68	0.00
18	T	Methyl Acetate	50.000	44.133	11.7	53	0.00
19	T	Methyl tert-butyl Ether	50.000	51.688	-3.4	68	0.00
20	T	Methylene Chloride	50.000	53.011	-6.0	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.755	-7.5	72	0.00
22	T	Diisopropyl ether	50.000	52.051	-4.1	69	0.00
23	T	Vinyl Acetate	250.000	262.911	-5.2	70	0.00
24	P	1,1-Dichloroethane	50.000	53.415	-6.8	71	0.00
25	T	2-Butanone	250.000	247.216	1.1	63	0.00
26	T	2,2-Dichloropropane	50.000	55.084	-10.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.658	-9.3	73	0.00
28	T	Bromochloromethane	50.000	54.097	-8.2	70	0.00
29	T	Tetrahydrofuran	250.000	240.519	3.8	61	0.00
30	C	Chloroform	50.000	54.801	-9.6#	73	0.00
31	T	Cyclohexane	50.000	48.751	2.5	69	0.00
32	T	1,1,1-Trichloroethane	50.000	55.499	-11.0	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.563	-7.1	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35	S	Dibromofluoromethane	50.000	53.253	-6.5	70	0.00
36	T	1,1-Dichloropropene	50.000	54.849	-9.7	73	0.00
37	T	Ethyl Acetate	50.000	50.536	-1.1	64	0.00
38	T	Carbon Tetrachloride	50.000	54.814	-9.6	74	0.00
39	T	Methylcyclohexane	50.000	52.955	-5.9	71	0.00
40	TM	Benzene	50.000	54.296	-8.6	72	0.00
41	T	Methacrylonitrile	50.000	49.426	1.1	59	0.00
42	TM	1,2-Dichloroethane	50.000	54.611	-9.2	71	0.00
43	T	Isopropyl Acetate	50.000	50.213	-0.4	65	0.00
44	TM	Trichloroethene	50.000	54.455	-8.9	72	0.00
45	C	1,2-Dichloropropane	50.000	53.209	-6.4#	71	0.00
46	T	Dibromomethane	50.000	54.070	-8.1	69	0.00
47	T	Bromodichloromethane	50.000	54.908	-9.8	73	0.00
48	T	Methyl methacrylate	50.000	48.343	3.3	60	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	991.147	0.9	65	0.00
50	S	Toluene-d8	50.000	53.347	-6.7	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.468	1.0	63	0.00
52	CM	Toluene	50.000	55.044	-10.1#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	52.877	-5.8	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.211	-8.4	71	0.00
55	T	1,1,2-Trichloroethane	50.000	53.239	-6.5	68	0.00
56	T	Ethyl methacrylate	50.000	51.641	-3.3	67	0.00
57	T	1,3-Dichloropropane	50.000	52.595	-5.2	68	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.209	5.9	62	0.00
59	T	2-Hexanone	250.000	245.830	1.7	62	0.00
60	T	Dibromochloromethane	50.000	54.942	-9.9	71	0.00
61	T	1,2-Dibromoethane	50.000	51.488	-3.0	67	0.00
62	S	4-Bromofluorobenzene	50.000	49.034	1.9	67	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64	T	Tetrachloroethene	50.000	53.955	-7.9	72	0.00
65	PM	Chlorobenzene	50.000	54.618	-9.2	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.796	-7.6	71	0.00
67	C	Ethyl Benzene	50.000	54.762	-9.5#	73	0.00
68	T	m/p-Xylenes	100.000	109.244	-9.2	72	0.00
69	T	o-Xylene	50.000	53.980	-8.0	71	0.00
70	T	Styrene	50.000	54.280	-8.6	71	0.00
71	P	Bromoform	50.000	52.176	-4.4	67	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73	T	Isopropylbenzene	50.000	54.884	-9.8	73	0.00
74	T	N-amyl acetate	50.000	49.665	0.7	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.786	-3.6	66	0.00
76	T	1,2,3-Trichloropropane	50.000	52.702	-5.4	63	0.00
77	T	Bromobenzene	50.000	53.371	-6.7	70	0.00
78	T	n-propylbenzene	50.000	55.031	-10.1	73	0.00
79	T	2-Chlorotoluene	50.000	53.457	-6.9	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.114	-8.2	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.259	1.5	63	0.00
82	T	4-Chlorotoluene	50.000	54.180	-8.4	72	0.00
83	T	tert-Butylbenzene	50.000	54.923	-9.8	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.116	-8.2	71	0.00
85	T	sec-Butylbenzene	50.000	55.015	-10.0	73	0.00
86	T	p-Isopropyltoluene	50.000	54.681	-9.4	72	0.00
87	T	1,3-Dichlorobenzene	50.000	54.069	-8.1	71	0.00
88	T	1,4-Dichlorobenzene	50.000	53.240	-6.5	70	0.00
89	T	n-Butylbenzene	50.000	54.545	-9.1	72	0.00
90	T	Hexachloroethane	50.000	53.695	-7.4	71	0.00
91	T	1,2-Dichlorobenzene	50.000	52.965	-5.9	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.863	6.3	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.148	3.7	62	0.00
94	T	Hexachlorobutadiene	50.000	49.885	0.2	67	0.00
95	T	Naphthalene	50.000	45.657	8.7	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.947	6.1	60	0.00

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