Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
Data File : VY017821.D
Acq On : 02 Apr 2024 17:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 03 02:05:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	46.170	7.7	80	0.00
3	P	Chloromethane	50.000	55.763	-11.5	89	0.00
4	C	Vinyl Chloride	50.000	53.099	-6.2#	85	0.00
5	T	Bromomethane	50.000	50.693	-1.4	86	0.00
6	T	Chloroethane	50.000	53.062	-6.1	85	0.00
7	T	Trichlorofluoromethane	50.000	46.956	6.1	78	0.01
8	T	Diethyl Ether	50.000	44.431	11.1	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.935	10.1	74	0.00
10	T	Methyl Iodide	50.000	47.316	5.4	70	0.00
11	T	Tert butyl alcohol	250.000	195.224	21.9	60	0.00
12	CM	1,1-Dichloroethene	50.000	45.471	9.1#	73	0.00
13	T	Acrolein	250.000	193.307	22.7	60	0.00
14	T	Allyl chloride	50.000	46.829	6.3	74	0.00
15	T	Acrylonitrile	250.000	209.166	16.3	66	0.00
16	T	Acetone	250.000	181.561	27.4#	56	0.00
17	T	Carbon Disulfide	50.000	46.837	6.3	70	0.00
18	T	Methyl Acetate	50.000	45.188	9.6	73	0.00
19	T	Methyl tert-butyl Ether	50.000	44.374	11.3	70	0.00
20	T	Methylene Chloride	50.000	42.614	14.8	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.280	5.4	74	0.00
22	T	Diisopropyl ether	50.000	48.157	3.7	76	0.00
23	T	Vinyl Acetate	250.000	223.684	10.5	70	0.00
24	P	1,1-Dichloroethane	50.000	47.040	5.9	76	0.00
25	T	2-Butanone	250.000	200.408	19.8	63	0.00
26	T	2,2-Dichloropropane	50.000	41.834	16.3	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.011	10.0	72	0.00
28	T	Bromochloromethane	50.000	53.960	-7.9	73	0.00
29	T	Tetrahydrofuran	250.000	220.345	11.9	69	0.00
30	C	Chloroform	50.000	46.249	7.5#	75	0.00
31	T	Cyclohexane	50.000	43.474	13.1	72	0.00
32	T	1,1,1-Trichloroethane	50.000	46.090	7.8	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.885	6.2	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	44.288	11.4	71	0.00
36	T	1,1-Dichloropropene	50.000	42.470	15.1	71	0.00
37	T	Ethyl Acetate	50.000	41.009	18.0	70	0.00
38	T	Carbon Tetrachloride	50.000	42.192	15.6	72	0.00
39	T	Methylcyclohexane	50.000	41.643	16.7	68	0.00
40	TM	Benzene	50.000	43.450	13.1	74	0.00
41	T	Methacrylonitrile	50.000	43.254	13.5	65	-0.02
42	TM	1,2-Dichloroethane	50.000	41.453	17.1	70	0.00
43	T	Isopropyl Acetate	50.000	41.556	16.9	71	0.00
44	TM	Trichloroethene	50.000	41.313	17.4	70	0.00
45	C	1,2-Dichloropropane	50.000	43.314	13.4#	74	0.00
46	T	Dibromomethane	50.000	40.617	18.8	68	0.00
47	T	Bromodichloromethane	50.000	42.839	14.3	73	0.00
48	T	Methyl methacrylate	50.000	45.274	9.5	70	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	832.151	16.8	68	0.00
50	S	Toluene-d8	50.000	45.865	8.3	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.978	5.2	73	0.00
52	CM	Toluene	50.000	42.937	14.1#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	41.164	17.7	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	41.808	16.4	71	0.00
55	T	1,1,2-Trichloroethane	50.000	41.599	16.8	72	0.00
56	T	Ethyl methacrylate	50.000	45.716	8.6	69	0.00
57	T	1,3-Dichloropropane	50.000	42.528	14.9	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.089	-13.2	78	0.00
59	T	2-Hexanone	250.000	224.679	10.1	68	0.00
60	T	Dibromochloromethane	50.000	43.284	13.4	74	0.00
61	T	1,2-Dibromoethane	50.000	42.051	15.9	71	0.00
62	S	4-Bromofluorobenzene	50.000	44.238	11.5	72	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	43.507	13.0	75	0.00
65	PM	Chlorobenzene	50.000	41.015	18.0	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	41.202	17.6	72	0.00
67	C	Ethyl Benzene	50.000	43.001	14.0#	74	0.00
68	T	m/p-Xylenes	100.000	84.678	15.3	72	0.00
69	T	o-Xylene	50.000	48.516	3.0	74	0.00
70	T	Styrene	50.000	48.931	2.1	74	0.00
71	P	Bromoform	50.000	41.177	17.6	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	42.703	14.6	73	0.00
74	T	N-amyl acetate	50.000	45.356	9.3	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.648	18.7	71	0.00
76	T	1,2,3-Trichloropropane	50.000	45.923	8.2	77	0.00
77	T	Bromobenzene	50.000	41.282	17.4	73	0.00
78	T	n-propylbenzene	50.000	42.640	14.7	72	0.00
79	T	2-Chlorotoluene	50.000	42.955	14.1	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.234	15.5	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.466	13.1	67	0.00
82	T	4-Chlorotoluene	50.000	41.625	16.8	71	0.00
83	T	tert-Butylbenzene	50.000	42.630	14.7	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.203	13.6	74	0.00
85	T	sec-Butylbenzene	50.000	42.266	15.5	72	0.00
86	T	p-Isopropyltoluene	50.000	41.603	16.8	72	0.00
87	T	1,3-Dichlorobenzene	50.000	41.536	16.9	74	0.00
88	T	1,4-Dichlorobenzene	50.000	41.312	17.4	72	0.00
89	T	n-Butylbenzene	50.000	40.388	19.2	68	0.00
90	T	Hexachloroethane	50.000	42.317	15.4	75	0.00
91	T	1,2-Dichlorobenzene	50.000	41.766	16.5	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.852	16.3	72	0.00
93	T	1,2,4-Trichlorobenzene	50.000	39.523	21.0	65	0.00
94	T	Hexachlorobutadiene	50.000	34.109	31.8#	59	0.00
95	T	Naphthalene	50.000	43.604	12.8	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.324	19.4	66	0.00

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