Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
Data File : VY018352.D
Acq On : 23 May 2024 10:15
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: May 24 01:12:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	43.583	12.8	83	0.00
3	P	Chloromethane	50.000	47.256	5.5	91	0.00
4	C	Vinyl Chloride	50.000	51.180	-2.4#	92	0.00
5	T	Bromomethane	50.000	48.133	3.7	95	0.00
6	T	Chloroethane	50.000	51.065	-2.1	95	0.00
7	T	Trichlorofluoromethane	50.000	46.356	7.3	87	0.00
8	T	Diethyl Ether	50.000	48.064	3.9	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.908	10.2	85	0.00
10	T	Methyl Iodide	50.000	51.045	-2.1	89	0.00
11	T	Tert butyl alcohol	250.000	226.291	9.5	79	0.00
12	CM	1,1-Dichloroethene	50.000	47.555	4.9#	88	0.00
13	T	Acrolein	250.000	218.546	12.6	81	0.00
14	T	Allyl chloride	50.000	50.378	-0.8	92	0.00
15	T	Acrylonitrile	250.000	229.665	8.1	82	0.00
16	T	Acetone	250.000	230.331	7.9	83	0.00
17	T	Carbon Disulfide	50.000	52.517	-5.0	89	0.00
18	T	Methyl Acetate	50.000	46.996	6.0	88	0.00
19	T	Methyl tert-butyl Ether	50.000	48.354	3.3	88	0.00
20	T	Methylene Chloride	50.000	49.293	1.4	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.110	-0.2	91	0.00
22	T	Diisopropyl ether	50.000	51.505	-3.0	92	0.00
23	T	Vinyl Acetate	250.000	244.846	2.1	85	0.00
24	P	1,1-Dichloroethane	50.000	50.552	-1.1	90	0.00
25	T	2-Butanone	250.000	231.681	7.3	83	0.00
26	T	2,2-Dichloropropane	50.000	49.893	0.2	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.677	-1.4	90	0.00
28	T	Bromochloromethane	50.000	56.623	-13.2	104	0.00
29	T	Tetrahydrofuran	250.000	228.934	8.4	81	0.00
30	C	Chloroform	50.000	50.711	-1.4#	92	0.00
31	T	Cyclohexane	50.000	51.138	-2.3	86	0.00
32	T	1,1,1-Trichloroethane	50.000	49.754	0.5	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.722	-13.4	114	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	53.146	-6.3	116	0.00
36	T	1,1-Dichloropropene	50.000	46.173	7.7	89	0.00
37	T	Ethyl Acetate	50.000	41.804	16.4	77	0.00
38	T	Carbon Tetrachloride	50.000	44.641	10.7	90	0.00
39	T	Methylcyclohexane	50.000	44.845	10.3	86	0.00
40	TM	Benzene	50.000	48.019	4.0	91	0.00
41	T	Methacrylonitrile	50.000	40.813	18.4	70	0.00
42	TM	1,2-Dichloroethane	50.000	44.422	11.2	87	0.00
43	T	Isopropyl Acetate	50.000	44.091	11.8	85	0.00
44	TM	Trichloroethene	50.000	44.697	10.6	89	0.00
45	C	1,2-Dichloropropane	50.000	48.095	3.8#	91	0.00
46	T	Dibromomethane	50.000	44.078	11.8	86	0.00
47	T	Bromodichloromethane	50.000	46.534	6.9	92	0.00
48	T	Methyl methacrylate	50.000	43.060	13.9	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	896.237	10.4	86	0.00
50	S	Toluene-d8	50.000	54.513	-9.0	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	212.276	15.1	84	0.00
52	CM	Toluene	50.000	46.857	6.3#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	46.244	7.5	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.140	5.7	89	0.00
55	T	1,1,2-Trichloroethane	50.000	43.784	12.4	87	0.00
56	T	Ethyl methacrylate	50.000	45.102	9.8	90	0.00
57	T	1,3-Dichloropropane	50.000	46.329	7.3	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.522	9.4	82	0.00
59	T	2-Hexanone	250.000	208.229	16.7	84	0.00
60	T	Dibromochloromethane	50.000	45.883	8.2	89	0.00
61	T	1,2-Dibromoethane	50.000	44.751	10.5	90	0.00
62	S	4-Bromofluorobenzene	50.000	53.045	-6.1	121	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	42.382	15.2	86	0.00
65	PM	Chlorobenzene	50.000	45.475	9.0	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.612	4.8	93	0.00
67	C	Ethyl Benzene	50.000	45.031	9.9#	92	0.00
68	T	m/p-Xylenes	100.000	91.209	8.8	91	0.00
69	T	o-Xylene	50.000	46.026	7.9	92	0.00
70	T	Styrene	50.000	46.741	6.5	91	0.00
71	P	Bromoform	50.000	46.284	7.4	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	44.270	11.5	91	0.00
74	T	N-amyl acetate	50.000	38.883	22.2	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	39.867	20.3	85	0.00
76	T	1,2,3-Trichloropropane	50.000	40.424	19.2	89	0.00
77	T	Bromobenzene	50.000	44.801	10.4	90	0.00
78	T	n-propylbenzene	50.000	43.463	13.1	92	0.00
79	T	2-Chlorotoluene	50.000	43.529	12.9	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.718	10.6	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.184	17.6	89	0.00
82	T	4-Chlorotoluene	50.000	44.050	11.9	94	0.00
83	T	tert-Butylbenzene	50.000	44.203	11.6	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.054	9.9	94	0.00
85	T	sec-Butylbenzene	50.000	43.712	12.6	92	0.00
86	T	p-Isopropyltoluene	50.000	44.188	11.6	93	0.00
87	T	1,3-Dichlorobenzene	50.000	44.696	10.6	92	0.00
88	T	1,4-Dichlorobenzene	50.000	44.285	11.4	93	0.00
89	T	n-Butylbenzene	50.000	43.114	13.8	92	0.00
90	T	Hexachloroethane	50.000	44.895	10.2	94	0.00
91	T	1,2-Dichlorobenzene	50.000	44.065	11.9	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.866	18.3	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.981	16.0	91	0.00
94	T	Hexachlorobutadiene	50.000	44.545	10.9	94	0.00
95	T	Naphthalene	50.000	39.632	20.7	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.779	18.4	92	0.00

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