Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
Data File : VY017542.D
Acq On : 01 Mar 2024 09:30
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: Mar 02 00:13:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	51.248	-2.5	95	0.01
3	P	Chloromethane	50.000	46.032	7.9	85	0.01
4	C	Vinyl Chloride	50.000	48.119	3.8#	87	0.01
5	T	Bromomethane	50.000	45.521	9.0	85	0.02
6	T	Chloroethane	50.000	49.612	0.8	88	0.01
7	T	Trichlorofluoromethane	50.000	50.588	-1.2	91	0.01
8	T	Diethyl Ether	50.000	48.211	3.6	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.403	-8.8	97	0.02
10	T	Methyl Iodide	50.000	58.788	-17.6	97	0.01
11	T	Tert butyl alcohol	250.000	150.978	39.6#	59	0.00
12	CM	1,1-Dichloroethene	50.000	55.855	-11.7#	99	0.02
13	T	Acrolein	250.000	161.896	35.2#	58	0.01
14	T	Allyl chloride	50.000	53.891	-7.8	92	0.00
15	T	Acrylonitrile	250.000	218.459	12.6	73	0.00
16	T	Acetone	250.000	275.804	-10.3	96	0.00
17	T	Carbon Disulfide	50.000	58.374	-16.7	103	0.01
18	T	Methyl Acetate	50.000	44.340	11.3	72	0.00
19	T	Methyl tert-butyl Ether	50.000	46.744	6.5	78	0.00
20	T	Methylene Chloride	50.000	57.294	-14.6	95	0.01
21	T	trans-1,2-Dichloroethene	50.000	55.791	-11.6	97	0.02
22	T	Diisopropyl ether	50.000	52.324	-4.6	87	0.00
23	T	Vinyl Acetate	250.000	240.541	3.8	79	0.01
24	P	1,1-Dichloroethane	50.000	53.326	-6.7	93	0.01
25	T	2-Butanone	250.000	247.020	1.2	82	0.01
26	T	2,2-Dichloropropane	50.000	54.153	-8.3	96	0.01
27	T	cis-1,2-Dichloroethene	50.000	53.816	-7.6	92	0.00
28	T	Bromochloromethane	50.000	54.731	-9.5	114	0.00
29	T	Tetrahydrofuran	250.000	220.127	11.9	71	0.00
30	C	Chloroform	50.000	52.943	-5.9#	93	0.00
31	T	Cyclohexane	50.000	54.436	-8.9	98	0.00
32	T	1,1,1-Trichloroethane	50.000	54.308	-8.6	96	0.01
33	S	1,2-Dichloroethane-d4	50.000	48.370	3.3	88	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.01
35	S	Dibromofluoromethane	50.000	54.951	-9.9	97	0.01
36	T	1,1-Dichloropropene	50.000	57.369	-14.7	96	0.01
37	T	Ethyl Acetate	50.000	44.390	11.2	73	0.01
38	T	Carbon Tetrachloride	50.000	57.805	-15.6	96	0.00
39	T	Methylcyclohexane	50.000	59.812	-19.6	97	0.01
40	TM	Benzene	50.000	55.716	-11.4	93	0.01
41	T	Methacrylonitrile	50.000	45.580	8.8	70	0.00
42	TM	1,2-Dichloroethane	50.000	49.871	0.3	82	0.00
43	T	Isopropyl Acetate	50.000	46.387	7.2	74	0.00
44	TM	Trichloroethene	50.000	55.074	-10.1	93	0.01
45	C	1,2-Dichloropropane	50.000	53.549	-7.1#	89	0.00
46	T	Dibromomethane	50.000	49.967	0.1	83	0.01
47	T	Bromodichloromethane	50.000	52.965	-5.9	87	0.00
48	T	Methyl methacrylate	50.000	47.330	5.3	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	803.901	19.6	64	0.00
50	S	Toluene-d8	50.000	59.519	-19.0	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	226.117	9.6	72	0.00
52	CM	Toluene	50.000	56.812	-13.6#	94	0.01
53	T	t-1,3-Dichloropropene	50.000	51.179	-2.4	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.303	-4.6	86	0.00
55	T	1,1,2-Trichloroethane	50.000	48.454	3.1	81	0.00
56	T	Ethyl methacrylate	50.000	44.552	10.9	73	0.00
57	T	1,3-Dichloropropane	50.000	48.847	2.3	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.127	-12.9	106	0.00
59	T	2-Hexanone	250.000	255.001	-2.0	78	0.00
60	T	Dibromochloromethane	50.000	50.654	-1.3	82	0.00
61	T	1,2-Dibromoethane	50.000	48.746	2.5	79	0.00
62	S	4-Bromofluorobenzene	50.000	55.898	-11.8	92	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	52.110	-4.2	85	0.01
65	PM	Chlorobenzene	50.000	57.016	-14.0	91	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	55.433	-10.9	88	0.01
67	C	Ethyl Benzene	50.000	59.724	-19.4#	93	0.00
68	T	m/p-Xylenes	100.000	119.879	-19.9	93	0.00
69	T	o-Xylene	50.000	58.836	-17.7	89	0.01
70	T	Styrene	50.000	58.458	-16.9	88	0.00
71	P	Bromoform	50.000	50.825	-1.7	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.01
73	T	Isopropylbenzene	50.000	61.355	-22.7	92	0.01
74	T	N-amyl acetate	50.000	48.242	3.5	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.219	-6.4	79	0.00
76	T	1,2,3-Trichloropropane	50.000	50.610	-1.2	79	0.01
77	T	Bromobenzene	50.000	55.786	-11.6	86	0.01
78	T	n-propylbenzene	50.000	60.902	-21.8	91	0.01
79	T	2-Chlorotoluene	50.000	58.140	-16.3	89	0.01
80	T	1,3,5-Trimethylbenzene	50.000	60.118	-20.2	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.519	3.0	72	0.00
82	T	4-Chlorotoluene	50.000	57.274	-14.5	88	0.01
83	T	tert-Butylbenzene	50.000	60.685	-21.4	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.294	-18.6	88	0.01
85	T	sec-Butylbenzene	50.000	60.425	-20.8	89	0.00
86	T	p-Isopropyltoluene	50.000	60.590	-21.2	89	0.00
87	T	1,3-Dichlorobenzene	50.000	55.645	-11.3	85	0.00
88	T	1,4-Dichlorobenzene	50.000	54.608	-9.2	83	0.00
89	T	n-Butylbenzene	50.000	59.475	-19.0	86	0.00
90	T	Hexachloroethane	50.000	57.398	-14.8	88	0.01
91	T	1,2-Dichlorobenzene	50.000	54.552	-9.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.478	13.0	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.500	-1.0	73	0.00
94	T	Hexachlorobutadiene	50.000	53.549	-7.1	83	0.00
95	T	Naphthalene	50.000	40.511	19.0	62	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.674	4.7	69	0.01

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