Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013186.D
Acq On : 03 Apr 2023 19:15
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 03 23:12:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
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	95	0.00
2	T	Dichlorodifluoromethane	50.000	42.905	14.2	83	0.00
3	P	Chloromethane	50.000	30.688	38.6#	62	0.00
4	C	Vinyl Chloride	50.000	34.039	31.9#	67	0.00
5	T	Bromomethane	50.000	41.043	17.9	83	0.00
6	T	Chloroethane	50.000	42.215	15.6	84	0.00
7	T	Trichlorofluoromethane	50.000	39.123	21.8	75	0.00
8	T	Diethyl Ether	50.000	44.239	11.5	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.201	9.6	89	0.00
10	T	Methyl Iodide	50.000	45.531	8.9	82	0.00
11	T	Tert butyl alcohol	250.000	247.347	1.1	98	0.00
12	CM	1,1-Dichloroethene	50.000	44.179	11.6#	85	-0.01
13	T	Acrolein	250.000	205.359	17.9	79	0.00
14	T	Allyl chloride	50.000	39.698	20.6	77	0.00
15	T	Acrylonitrile	250.000	228.134	8.7	85	0.00
16	T	Acetone	250.000	196.958	21.2	65	0.00
17	T	Carbon Disulfide	50.000	40.997	18.0	80	-0.01
18	T	Methyl Acetate	50.000	42.686	14.6	80	0.00
19	T	Methyl tert-butyl Ether	50.000	48.577	2.8	90	0.00
20	T	Methylene Chloride	50.000	45.629	8.7	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.981	10.0	86	0.00
22	T	Diisopropyl ether	50.000	42.300	15.4	78	0.00
23	T	Vinyl Acetate	250.000	222.254	11.1	80	0.00
24	P	1,1-Dichloroethane	50.000	42.518	15.0	83	0.00
25	T	2-Butanone	250.000	215.280	13.9	76	0.00
26	T	2,2-Dichloropropane	50.000	43.288	13.4	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.403	7.2	87	-0.01
28	T	Bromochloromethane	50.000	41.743	16.5	77	0.00
29	T	Tetrahydrofuran	250.000	228.342	8.7	81	0.00
30	C	Chloroform	50.000	45.583	8.8#	89	0.00
31	T	Cyclohexane	50.000	40.625	18.8	79	0.00
32	T	1,1,1-Trichloroethane	50.000	47.795	4.4	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.112	5.8	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	49.724	0.6	89	0.00
36	T	1,1-Dichloropropene	50.000	48.378	3.2	84	0.00
37	T	Ethyl Acetate	50.000	47.065	5.9	80	0.00
38	T	Carbon Tetrachloride	50.000	52.058	-4.1	93	0.00
39	T	Methylcyclohexane	50.000	50.367	-0.7	85	0.00
40	TM	Benzene	50.000	48.302	3.4	86	0.00
41	T	Methacrylonitrile	50.000	52.704	-5.4	92	0.00
42	TM	1,2-Dichloroethane	50.000	50.512	-1.0	91	0.00
43	T	Isopropyl Acetate	50.000	49.363	1.3	83	0.00
44	TM	Trichloroethene	50.000	50.169	-0.3	90	0.00
45	C	1,2-Dichloropropane	50.000	45.808	8.4#	82	0.00
46	T	Dibromomethane	50.000	51.097	-2.2	91	0.00
47	T	Bromodichloromethane	50.000	49.923	0.2	90	0.00
48	T	Methyl methacrylate	50.000	50.648	-1.3	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1133.966	-13.4	93	0.00
50	S	Toluene-d8	50.000	41.791	16.4	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.077	-7.6	90	0.00
52	CM	Toluene	50.000	45.506	9.0#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	42.777	14.4	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.966	8.1	81	0.00
55	T	1,1,2-Trichloroethane	50.000	45.345	9.3	81	0.00
56	T	Ethyl methacrylate	50.000	46.683	6.6	78	0.00
57	T	1,3-Dichloropropane	50.000	48.110	3.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.824	-1.1	88	0.00
59	T	2-Hexanone	250.000	265.416	-6.2	85	0.00
60	T	Dibromochloromethane	50.000	45.536	8.9	80	0.00
61	T	1,2-Dibromoethane	50.000	44.752	10.5	80	0.00
62	S	4-Bromofluorobenzene	50.000	51.032	-2.1	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	54.852	-9.7	85	0.00
65	PM	Chlorobenzene	50.000	51.911	-3.8	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.178	-10.4	86	0.00
67	C	Ethyl Benzene	50.000	55.806	-11.6#	84	0.00
68	T	m/p-Xylenes	100.000	109.806	-9.8	81	0.00
69	T	o-Xylene	50.000	61.697	-23.4	92	0.00
70	T	Styrene	50.000	62.171	-24.3	92	0.00
71	P	Bromoform	50.000	66.325	-32.7#	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	49.998	0.0	91	0.00
74	T	N-amyl acetate	50.000	46.762	6.5	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.297	3.4	89	0.00
76	T	1,2,3-Trichloropropane	50.000	46.132	7.7	84	0.00
77	T	Bromobenzene	50.000	50.891	-1.8	95	0.00
78	T	n-propylbenzene	50.000	48.842	2.3	89	0.00
79	T	2-Chlorotoluene	50.000	47.848	4.3	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.606	-1.2	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.497	5.0	85	0.00
82	T	4-Chlorotoluene	50.000	48.606	2.8	91	0.00
83	T	tert-Butylbenzene	50.000	52.058	-4.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.754	-1.5	92	0.00
85	T	sec-Butylbenzene	50.000	50.587	-1.2	92	0.00
86	T	p-Isopropyltoluene	50.000	51.534	-3.1	94	0.00
87	T	1,3-Dichlorobenzene	50.000	49.360	1.3	94	0.00
88	T	1,4-Dichlorobenzene	50.000	49.133	1.7	95	0.00
89	T	n-Butylbenzene	50.000	49.034	1.9	89	0.00
90	T	Hexachloroethane	50.000	48.261	3.5	93	0.00
91	T	1,2-Dichlorobenzene	50.000	49.876	0.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.653	2.7	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.297	-0.6	91	0.00
94	T	Hexachlorobutadiene	50.000	49.232	1.5	91	0.00
95	T	Naphthalene	50.000	47.747	4.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.020	-2.0	91	0.00

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