Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
Data File : VY016524.D
Acq On : 28 Nov 2023 16:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 29 03:10:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	81	0.01
2	T	Dichlorodifluoromethane	50.000	44.919	10.2	78	0.01
3	P	Chloromethane	50.000	43.295	13.4	75	0.00
4	C	Vinyl Chloride	50.000	46.344	7.3#	79	0.00
5	T	Bromomethane	50.000	47.042	5.9	81	0.01
6	T	Chloroethane	50.000	46.984	6.0	80	0.01
7	T	Trichlorofluoromethane	50.000	51.292	-2.6	84	0.01
8	T	Diethyl Ether	50.000	49.418	1.2	81	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.115	3.8	81	0.02
10	T	Methyl Iodide	50.000	57.002	-14.0	91	0.01
11	T	Tert butyl alcohol	250.000	190.193	23.9	64	0.00
12	CM	1,1-Dichloroethene	50.000	50.437	-0.9#	84	0.01
13	T	Acrolein	250.000	203.577	18.6	65	0.01
14	T	Allyl chloride	50.000	43.575	12.8	70	0.01
15	T	Acrylonitrile	250.000	234.734	6.1	74	0.02
16	T	Acetone	250.000	241.923	3.2	82	0.01
17	T	Carbon Disulfide	50.000	48.666	2.7	81	0.02
18	T	Methyl Acetate	50.000	46.715	6.6	75	0.02
19	T	Methyl tert-butyl Ether	50.000	49.133	1.7	79	0.02
20	T	Methylene Chloride	50.000	54.628	-9.3	85	0.02
21	T	trans-1,2-Dichloroethene	50.000	52.143	-4.3	87	0.02
22	T	Diisopropyl ether	50.000	43.863	12.3	70	0.01
23	T	Vinyl Acetate	250.000	207.640	16.9	65	0.02
24	P	1,1-Dichloroethane	50.000	49.057	1.9	80	0.01
25	T	2-Butanone	250.000	210.352	15.9	68	0.01
26	T	2,2-Dichloropropane	50.000	49.401	1.2	81	0.01
27	T	cis-1,2-Dichloroethene	50.000	53.112	-6.2	87	0.01
28	T	Bromochloromethane	50.000	46.112	7.8	76	0.02
29	T	Tetrahydrofuran	250.000	207.408	17.0	65	0.02
30	C	Chloroform	50.000	52.836	-5.7#	87	0.01
31	T	Cyclohexane	50.000	41.959	16.1	72	0.01
32	T	1,1,1-Trichloroethane	50.000	53.859	-7.7	89	0.02
33	S	1,2-Dichloroethane-d4	50.000	46.656	6.7	77	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.01
35	S	Dibromofluoromethane	50.000	56.103	-12.2	90	0.01
36	T	1,1-Dichloropropene	50.000	49.412	1.2	79	0.02
37	T	Ethyl Acetate	50.000	41.378	17.2	65	0.02
38	T	Carbon Tetrachloride	50.000	55.340	-10.7	89	0.01
39	T	Methylcyclohexane	50.000	48.409	3.2	77	0.01
40	TM	Benzene	50.000	52.583	-5.2	84	0.02
41	T	Methacrylonitrile	50.000	44.010	12.0	72	0.02
42	TM	1,2-Dichloroethane	50.000	51.337	-2.7	81	0.02
43	T	Isopropyl Acetate	50.000	42.255	15.5	65	0.01
44	TM	Trichloroethene	50.000	55.538	-11.1	89	0.01
45	C	1,2-Dichloropropane	50.000	49.483	1.0#	77	0.01
46	T	Dibromomethane	50.000	53.391	-6.8	83	0.01
47	T	Bromodichloromethane	50.000	53.204	-6.4	84	0.01
48	T	Methyl methacrylate	50.000	43.310	13.4	66	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	939.542	6.0	71	0.01
50	S	Toluene-d8	50.000	50.259	-0.5	81	0.01
51	T	4-Methyl-2-Pentanone	250.000	212.839	14.9	66	0.01
52	CM	Toluene	50.000	53.700	-7.4#	85	0.02
53	T	t-1,3-Dichloropropene	50.000	50.397	-0.8	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.530	-3.1	80	0.01
55	T	1,1,2-Trichloroethane	50.000	54.888	-9.8	86	0.01
56	T	Ethyl methacrylate	50.000	50.062	-0.1	75	0.01
57	T	1,3-Dichloropropane	50.000	52.078	-4.2	80	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	232.230	7.1	67	0.01
59	T	2-Hexanone	250.000	196.240	21.5	64	0.01
60	T	Dibromochloromethane	50.000	57.745	-15.5	89	0.01
61	T	1,2-Dibromoethane	50.000	53.735	-7.5	83	0.01
62	S	4-Bromofluorobenzene	50.000	52.245	-4.5	84	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.01
64	T	Tetrachloroethene	50.000	56.361	-12.7	90	0.02
65	PM	Chlorobenzene	50.000	53.659	-7.3	87	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	56.657	-13.3	91	0.01
67	C	Ethyl Benzene	50.000	52.984	-6.0#	84	0.01
68	T	m/p-Xylenes	100.000	107.334	-7.3	85	0.00
69	T	o-Xylene	50.000	54.702	-9.4	85	0.01
70	T	Styrene	50.000	54.581	-9.2	85	0.00
71	P	Bromoform	50.000	57.449	-14.9	90	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.01
73	T	Isopropylbenzene	50.000	53.037	-6.1	86	0.01
74	T	N-amyl acetate	50.000	38.105	23.8	59	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.530	0.9	80	0.00
76	T	1,2,3-Trichloropropane	50.000	45.258	9.5	78	0.01
77	T	Bromobenzene	50.000	54.132	-8.3	87	0.01
78	T	n-propylbenzene	50.000	50.031	-0.1	81	0.01
79	T	2-Chlorotoluene	50.000	51.700	-3.4	83	0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.741	-5.5	85	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	48.256	3.5	78	0.01
82	T	4-Chlorotoluene	50.000	50.588	-1.2	82	0.01
83	T	tert-Butylbenzene	50.000	53.730	-7.5	86	0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.347	-4.7	84	0.01
85	T	sec-Butylbenzene	50.000	50.500	-1.0	82	0.01
86	T	p-Isopropyltoluene	50.000	51.924	-3.8	84	0.01
87	T	1,3-Dichlorobenzene	50.000	53.179	-6.4	88	0.01
88	T	1,4-Dichlorobenzene	50.000	52.404	-4.8	86	0.01
89	T	n-Butylbenzene	50.000	47.859	4.3	76	0.01
90	T	Hexachloroethane	50.000	51.967	-3.9	85	0.01
91	T	1,2-Dichlorobenzene	50.000	52.676	-5.4	86	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.140	11.7	75	0.01
93	T	1,2,4-Trichlorobenzene	50.000	48.825	2.3	79	0.01
94	T	Hexachlorobutadiene	50.000	52.391	-4.8	87	0.00
95	T	Naphthalene	50.000	47.131	5.7	76	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.879	4.2	81	0.01

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