Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
Data File : VY016352.D
Acq On : 14 Nov 2023 16:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 15 05:29:27 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	45.111	9.8	87	0.00
3	P	Chloromethane	50.000	44.287	11.4	85	0.00
4	C	Vinyl Chloride	50.000	44.593	10.8#	84	0.00
5	T	Bromomethane	50.000	44.589	10.8	85	0.00
6	T	Chloroethane	50.000	46.566	6.9	88	0.00
7	T	Trichlorofluoromethane	50.000	48.012	4.0	87	0.00
8	T	Diethyl Ether	50.000	51.717	-3.4	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.399	5.2	89	0.00
10	T	Methyl Iodide	50.000	50.300	-0.6	89	0.00
11	T	Tert butyl alcohol	250.000	255.682	-2.3	95	0.00
12	CM	1,1-Dichloroethene	50.000	48.118	3.8#	89	0.00
13	T	Acrolein	250.000	207.421	17.0	73	0.00
14	T	Allyl chloride	50.000	48.355	3.3	86	0.00
15	T	Acrylonitrile	250.000	272.763	-9.1	96	0.00
16	T	Acetone	250.000	273.794	-9.5	103	0.00
17	T	Carbon Disulfide	50.000	46.420	7.2	85	0.00
18	T	Methyl Acetate	50.000	58.685	-17.4	104	0.00
19	T	Methyl tert-butyl Ether	50.000	52.661	-5.3	94	0.00
20	T	Methylene Chloride	50.000	52.629	-5.3	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.306	1.4	91	0.00
22	T	Diisopropyl ether	50.000	51.028	-2.1	90	0.00
23	T	Vinyl Acetate	250.000	254.487	-1.8	88	0.00
24	P	1,1-Dichloroethane	50.000	50.499	-1.0	92	0.00
25	T	2-Butanone	250.000	265.058	-6.0	95	0.00
26	T	2,2-Dichloropropane	50.000	48.571	2.9	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.565	-1.1	92	0.00
28	T	Bromochloromethane	50.000	52.970	-5.9	96	0.00
29	T	Tetrahydrofuran	250.000	273.511	-9.4	95	0.00
30	C	Chloroform	50.000	51.455	-2.9#	94	0.00
31	T	Cyclohexane	50.000	44.880	10.2	85	0.00
32	T	1,1,1-Trichloroethane	50.000	50.503	-1.0	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.451	-8.9	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	54.621	-9.2	102	0.00
36	T	1,1-Dichloropropene	50.000	47.578	4.8	89	0.00
37	T	Ethyl Acetate	50.000	51.024	-2.0	94	0.00
38	T	Carbon Tetrachloride	50.000	49.381	1.2	92	0.00
39	T	Methylcyclohexane	50.000	45.954	8.1	84	0.00
40	TM	Benzene	50.000	49.307	1.4	91	0.00
41	T	Methacrylonitrile	50.000	46.591	6.8	88	0.00
42	TM	1,2-Dichloroethane	50.000	51.629	-3.3	94	0.00
43	T	Isopropyl Acetate	50.000	52.169	-4.3	94	0.00
44	TM	Trichloroethene	50.000	49.039	1.9	91	0.00
45	C	1,2-Dichloropropane	50.000	50.838	-1.7#	92	0.00
46	T	Dibromomethane	50.000	52.631	-5.3	95	0.00
47	T	Bromodichloromethane	50.000	51.572	-3.1	95	0.00
48	T	Methyl methacrylate	50.000	52.875	-5.8	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1105.876	-10.6	97	0.00
50	S	Toluene-d8	50.000	53.039	-6.1	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.304	-6.5	95	0.00
52	CM	Toluene	50.000	49.617	0.8#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.271	-4.5	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.396	-2.8	93	0.00
55	T	1,1,2-Trichloroethane	50.000	53.229	-6.5	96	0.00
56	T	Ethyl methacrylate	50.000	54.235	-8.5	94	0.00
57	T	1,3-Dichloropropane	50.000	52.386	-4.8	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.335	-8.9	91	0.00
59	T	2-Hexanone	250.000	249.685	0.1	94	0.00
60	T	Dibromochloromethane	50.000	53.813	-7.6	96	0.00
61	T	1,2-Dibromoethane	50.000	53.631	-7.3	97	0.00
62	S	4-Bromofluorobenzene	50.000	53.136	-6.3	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	49.953	0.1	93	0.00
65	PM	Chlorobenzene	50.000	49.599	0.8	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.479	-1.0	94	0.00
67	C	Ethyl Benzene	50.000	49.009	2.0#	91	0.00
68	T	m/p-Xylenes	100.000	98.661	1.3	91	0.00
69	T	o-Xylene	50.000	50.287	-0.6	91	0.00
70	T	Styrene	50.000	51.394	-2.8	93	0.00
71	P	Bromoform	50.000	54.999	-10.0	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	47.697	4.6	91	0.00
74	T	N-amyl acetate	50.000	49.160	1.7	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.986	-2.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	46.152	7.7	94	0.00
77	T	Bromobenzene	50.000	49.033	1.9	93	0.00
78	T	n-propylbenzene	50.000	47.079	5.8	90	0.00
79	T	2-Chlorotoluene	50.000	47.866	4.3	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.077	3.8	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.051	-2.1	97	0.00
82	T	4-Chlorotoluene	50.000	47.386	5.2	91	0.00
83	T	tert-Butylbenzene	50.000	48.085	3.8	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.311	3.4	91	0.00
85	T	sec-Butylbenzene	50.000	47.038	5.9	90	0.00
86	T	p-Isopropyltoluene	50.000	47.803	4.4	90	0.00
87	T	1,3-Dichlorobenzene	50.000	47.840	4.3	92	0.00
88	T	1,4-Dichlorobenzene	50.000	48.139	3.7	92	0.00
89	T	n-Butylbenzene	50.000	47.047	5.9	88	0.00
90	T	Hexachloroethane	50.000	47.922	4.2	92	0.00
91	T	1,2-Dichlorobenzene	50.000	48.925	2.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.718	2.6	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.967	2.1	93	0.00
94	T	Hexachlorobutadiene	50.000	47.051	5.9	91	0.00
95	T	Naphthalene	50.000	51.499	-3.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.153	1.7	97	0.00

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