Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
Data File : VY017424.D
Acq On : 20 Feb 2024 16:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 21 04:31:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	44.309	11.4	94	0.00
3	P	Chloromethane	50.000	44.083	11.8	84	0.00
4	C	Vinyl Chloride	50.000	48.049	3.9#	97	0.00
5	T	Bromomethane	50.000	51.075	-2.2	98	0.00
6	T	Chloroethane	50.000	49.325	1.3	102	0.00
7	T	Trichlorofluoromethane	50.000	45.286	9.4	93	0.00
8	T	Diethyl Ether	50.000	44.338	11.3	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.069	9.9	96	0.00
10	T	Methyl Iodide	50.000	51.500	-3.0	100	0.00
11	T	Tert butyl alcohol	250.000	182.351	27.1#	97	-0.02
12	CM	1,1-Dichloroethene	50.000	46.236	7.5#	96	0.00
13	T	Acrolein	250.000	228.553	8.6	104	-0.01
14	T	Allyl chloride	50.000	46.369	7.3	96	0.00
15	T	Acrylonitrile	250.000	212.440	15.0	91	0.00
16	T	Acetone	250.000	221.624	11.4	95	-0.01
17	T	Carbon Disulfide	50.000	45.594	8.8	95	0.00
18	T	Methyl Acetate	50.000	44.046	11.9	91	0.00
19	T	Methyl tert-butyl Ether	50.000	44.703	10.6	93	0.00
20	T	Methylene Chloride	50.000	41.737	16.5	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.175	7.7	96	0.00
22	T	Diisopropyl ether	50.000	46.462	7.1	94	0.00
23	T	Vinyl Acetate	250.000	227.210	9.1	93	0.00
24	P	1,1-Dichloroethane	50.000	46.207	7.6	97	0.00
25	T	2-Butanone	250.000	213.586	14.6	92	0.00
26	T	2,2-Dichloropropane	50.000	47.707	4.6	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.380	7.2	96	0.00
28	T	Bromochloromethane	50.000	42.264	15.5	78	0.00
29	T	Tetrahydrofuran	250.000	213.757	14.5	90	0.00
30	C	Chloroform	50.000	45.592	8.8#	96	0.00
31	T	Cyclohexane	50.000	44.830	10.3	95	0.00
32	T	1,1,1-Trichloroethane	50.000	46.006	8.0	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.313	-2.6	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	52.545	-5.1	94	0.00
36	T	1,1-Dichloropropene	50.000	46.824	6.4	97	0.00
37	T	Ethyl Acetate	50.000	42.145	15.7	92	0.00
38	T	Carbon Tetrachloride	50.000	46.957	6.1	97	0.00
39	T	Methylcyclohexane	50.000	47.606	4.8	96	0.00
40	TM	Benzene	50.000	46.151	7.7	95	0.00
41	T	Methacrylonitrile	50.000	42.472	15.1	80	0.00
42	TM	1,2-Dichloroethane	50.000	44.924	10.2	95	0.00
43	T	Isopropyl Acetate	50.000	43.898	12.2	91	0.00
44	TM	Trichloroethene	50.000	45.582	8.8	95	0.00
45	C	1,2-Dichloropropane	50.000	45.773	8.5#	94	0.00
46	T	Dibromomethane	50.000	43.499	13.0	92	0.00
47	T	Bromodichloromethane	50.000	45.691	8.6	94	0.00
48	T	Methyl methacrylate	50.000	44.742	10.5	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	868.215	13.2	93	0.00
50	S	Toluene-d8	50.000	52.781	-5.6	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.932	12.8	90	0.00
52	CM	Toluene	50.000	46.704	6.6#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	45.657	8.7	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.129	9.7	93	0.00
55	T	1,1,2-Trichloroethane	50.000	44.275	11.5	93	0.00
56	T	Ethyl methacrylate	50.000	41.210	17.6	89	0.00
57	T	1,3-Dichloropropane	50.000	44.305	11.4	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.631	-6.3	95	0.00
59	T	2-Hexanone	250.000	221.157	11.5	89	0.00
60	T	Dibromochloromethane	50.000	44.962	10.1	93	0.00
61	T	1,2-Dibromoethane	50.000	43.475	13.0	90	0.00
62	S	4-Bromofluorobenzene	50.000	47.169	5.7	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	44.550	10.9	93	0.00
65	PM	Chlorobenzene	50.000	45.742	8.5	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.928	10.1	93	0.00
67	C	Ethyl Benzene	50.000	47.476	5.0#	94	0.00
68	T	m/p-Xylenes	100.000	94.934	5.1	94	0.00
69	T	o-Xylene	50.000	47.597	4.8	94	0.00
70	T	Styrene	50.000	47.604	4.8	92	0.00
71	P	Bromoform	50.000	44.455	11.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	49.573	0.9	94	0.00
74	T	N-amyl acetate	50.000	46.311	7.4	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.204	11.6	88	0.00
76	T	1,2,3-Trichloropropane	50.000	44.877	10.2	85	0.00
77	T	Bromobenzene	50.000	46.128	7.7	91	0.00
78	T	n-propylbenzene	50.000	49.509	1.0	94	0.00
79	T	2-Chlorotoluene	50.000	47.646	4.7	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.870	2.3	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.796	8.4	89	0.00
82	T	4-Chlorotoluene	50.000	47.902	4.2	93	0.00
83	T	tert-Butylbenzene	50.000	49.841	0.3	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.676	2.6	91	0.00
85	T	sec-Butylbenzene	50.000	49.026	1.9	92	0.00
86	T	p-Isopropyltoluene	50.000	48.822	2.4	91	0.00
87	T	1,3-Dichlorobenzene	50.000	45.739	8.5	89	0.00
88	T	1,4-Dichlorobenzene	50.000	45.800	8.4	90	0.00
89	T	n-Butylbenzene	50.000	48.927	2.1	91	0.00
90	T	Hexachloroethane	50.000	46.858	6.3	92	0.00
91	T	1,2-Dichlorobenzene	50.000	45.571	8.9	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.024	18.0	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.423	13.2	80	0.00
94	T	Hexachlorobutadiene	50.000	43.179	13.6	84	0.00
95	T	Naphthalene	50.000	39.034	21.9	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.719	16.6	77	0.00

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