Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
Data File : VY017124.D
Acq On : 26 Jan 2024 16:38
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: Jan 29 04:18:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	49.222	1.6	86	0.00
3	P	Chloromethane	50.000	58.326	-16.7	99	0.00
4	C	Vinyl Chloride	50.000	62.003	-24.0#	101	0.00
5	T	Bromomethane	50.000	61.151	-22.3	104	0.00
6	T	Chloroethane	50.000	63.033	-26.1#	104	-0.01
7	T	Trichlorofluoromethane	50.000	56.336	-12.7	95	-0.01
8	T	Diethyl Ether	50.000	48.029	3.9	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.208	-0.4	92	0.00
10	T	Methyl Iodide	50.000	47.841	4.3	79	-0.01
11	T	Tert butyl alcohol	250.000	244.121	2.4	91	0.00
12	CM	1,1-Dichloroethene	50.000	50.614	-1.2#	92	-0.01
13	T	Acrolein	250.000	181.460	27.4#	64	0.00
14	T	Allyl chloride	50.000	52.952	-5.9	93	-0.01
15	T	Acrylonitrile	250.000	252.037	-0.8	88	0.00
16	T	Acetone	250.000	228.644	8.5	86	-0.01
17	T	Carbon Disulfide	50.000	49.092	1.8	88	-0.01
18	T	Methyl Acetate	50.000	54.561	-9.1	92	-0.01
19	T	Methyl tert-butyl Ether	50.000	49.829	0.3	87	0.00
20	T	Methylene Chloride	50.000	59.233	-18.5	96	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.834	-3.7	92	-0.02
22	T	Diisopropyl ether	50.000	55.138	-10.3	94	0.00
23	T	Vinyl Acetate	250.000	255.338	-2.1	89	-0.01
24	P	1,1-Dichloroethane	50.000	52.917	-5.8	95	-0.01
25	T	2-Butanone	250.000	241.619	3.4	91	0.00
26	T	2,2-Dichloropropane	50.000	51.868	-3.7	93	-0.01
27	T	cis-1,2-Dichloroethene	50.000	52.669	-5.3	92	-0.01
28	T	Bromochloromethane	50.000	56.336	-12.7	85	-0.01
29	T	Tetrahydrofuran	250.000	260.313	-4.1	88	-0.01
30	C	Chloroform	50.000	52.418	-4.8#	94	0.00
31	T	Cyclohexane	50.000	55.293	-10.6	91	-0.01
32	T	1,1,1-Trichloroethane	50.000	52.545	-5.1	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.388	-0.8	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	51.200	-2.4	83	0.00
36	T	1,1-Dichloropropene	50.000	53.959	-7.9	96	0.00
37	T	Ethyl Acetate	50.000	49.034	1.9	89	0.00
38	T	Carbon Tetrachloride	50.000	51.898	-3.8	93	-0.01
39	T	Methylcyclohexane	50.000	52.890	-5.8	91	0.00
40	TM	Benzene	50.000	53.245	-6.5	93	0.00
41	T	Methacrylonitrile	50.000	50.663	-1.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	51.766	-3.5	91	-0.01
43	T	Isopropyl Acetate	50.000	50.899	-1.8	88	0.00
44	TM	Trichloroethene	50.000	52.082	-4.2	93	0.00
45	C	1,2-Dichloropropane	50.000	53.638	-7.3#	94	0.00
46	T	Dibromomethane	50.000	50.447	-0.9	89	0.00
47	T	Bromodichloromethane	50.000	53.065	-6.1	92	0.00
48	T	Methyl methacrylate	50.000	52.786	-5.6	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1197.229	-19.7	104	0.00
50	S	Toluene-d8	50.000	52.649	-5.3	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.051	-2.8	88	0.00
52	CM	Toluene	50.000	54.128	-8.3#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	52.384	-4.8	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.257	-6.5	91	0.00
55	T	1,1,2-Trichloroethane	50.000	51.086	-2.2	90	0.00
56	T	Ethyl methacrylate	50.000	53.245	-6.5	88	0.00
57	T	1,3-Dichloropropane	50.000	51.720	-3.4	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.058	1.6	75	0.00
59	T	2-Hexanone	250.000	238.286	4.7	88	0.00
60	T	Dibromochloromethane	50.000	52.162	-4.3	91	0.00
61	T	1,2-Dibromoethane	50.000	50.966	-1.9	89	0.00
62	S	4-Bromofluorobenzene	50.000	52.862	-5.7	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	51.321	-2.6	93	0.00
65	PM	Chlorobenzene	50.000	51.773	-3.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.122	-4.2	92	0.00
67	C	Ethyl Benzene	50.000	54.063	-8.1#	94	0.00
68	T	m/p-Xylenes	100.000	107.772	-7.8	94	0.00
69	T	o-Xylene	50.000	54.572	-9.1	93	0.00
70	T	Styrene	50.000	55.605	-11.2	93	0.00
71	P	Bromoform	50.000	49.921	0.2	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	54.040	-8.1	95	0.00
74	T	N-amyl acetate	50.000	50.948	-1.9	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.610	2.8	87	0.00
76	T	1,2,3-Trichloropropane	50.000	46.838	6.3	81	0.00
77	T	Bromobenzene	50.000	51.234	-2.5	91	0.00
78	T	n-propylbenzene	50.000	54.964	-9.9	95	0.00
79	T	2-Chlorotoluene	50.000	53.584	-7.2	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.711	-9.4	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.151	3.7	88	0.00
82	T	4-Chlorotoluene	50.000	53.018	-6.0	94	0.00
83	T	tert-Butylbenzene	50.000	53.367	-6.7	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.327	-8.7	94	0.00
85	T	sec-Butylbenzene	50.000	55.011	-10.0	94	0.00
86	T	p-Isopropyltoluene	50.000	55.511	-11.0	95	0.00
87	T	1,3-Dichlorobenzene	50.000	52.281	-4.6	93	0.00
88	T	1,4-Dichlorobenzene	50.000	51.249	-2.5	92	0.00
89	T	n-Butylbenzene	50.000	56.056	-12.1	95	0.00
90	T	Hexachloroethane	50.000	53.422	-6.8	95	0.00
91	T	1,2-Dichlorobenzene	50.000	51.244	-2.5	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.675	8.7	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.967	-3.9	92	0.00
94	T	Hexachlorobutadiene	50.000	51.333	-2.7	93	0.00
95	T	Naphthalene	50.000	49.506	1.0	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.216	-2.4	91	0.00

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