Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017759.D
Acq On : 26 Mar 2024 10:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:25:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 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	119	-0.01
2	T	Dichlorodifluoromethane	50.000	42.772	14.5	104	0.00
3	P	Chloromethane	50.000	47.410	5.2	109	0.00
4	C	Vinyl Chloride	50.000	46.768	6.5#	105	0.00
5	T	Bromomethane	50.000	46.002	8.0	112	0.00
6	T	Chloroethane	50.000	46.340	7.3	107	0.00
7	T	Trichlorofluoromethane	50.000	48.562	2.9	111	-0.01
8	T	Diethyl Ether	50.000	46.611	6.8	105	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.364	9.3	103	-0.02
10	T	Methyl Iodide	50.000	48.100	3.8	102	-0.01
11	T	Tert butyl alcohol	250.000	205.960	17.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	45.846	8.3#	102	-0.01
13	T	Acrolein	250.000	302.194	-20.9	133	-0.01
14	T	Allyl chloride	50.000	44.227	11.5	96	-0.01
15	T	Acrylonitrile	250.000	225.923	9.6	99	-0.01
16	T	Acetone	250.000	287.885	-15.2	121	-0.01
17	T	Carbon Disulfide	50.000	43.557	12.9	98	-0.01
18	T	Methyl Acetate	50.000	43.773	12.5	97	-0.02
19	T	Methyl tert-butyl Ether	50.000	47.431	5.1	101	-0.02
20	T	Methylene Chloride	50.000	44.794	10.4	108	-0.02
21	T	trans-1,2-Dichloroethene	50.000	46.015	8.0	102	-0.01
22	T	Diisopropyl ether	50.000	45.935	8.1	98	-0.01
23	T	Vinyl Acetate	250.000	232.023	7.2	98	-0.01
24	P	1,1-Dichloroethane	50.000	44.555	10.9	98	-0.01
25	T	2-Butanone	250.000	221.899	11.2	105	0.00
26	T	2,2-Dichloropropane	50.000	45.673	8.7	102	-0.01
27	T	cis-1,2-Dichloroethene	50.000	46.020	8.0	101	0.00
28	T	Bromochloromethane	50.000	47.703	4.6	110	0.00
29	T	Tetrahydrofuran	250.000	209.563	16.2	97	0.00
30	C	Chloroform	50.000	45.188	9.6#	101	-0.01
31	T	Cyclohexane	50.000	41.563	16.9	95	0.00
32	T	1,1,1-Trichloroethane	50.000	45.806	8.4	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.560	-3.1	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	55.363	-10.7	124	0.00
36	T	1,1-Dichloropropene	50.000	46.480	7.0	99	-0.01
37	T	Ethyl Acetate	50.000	46.726	6.5	99	-0.01
38	T	Carbon Tetrachloride	50.000	48.344	3.3	102	0.00
39	T	Methylcyclohexane	50.000	47.039	5.9	96	0.00
40	TM	Benzene	50.000	47.291	5.4	99	0.00
41	T	Methacrylonitrile	50.000	49.408	1.2	100	-0.01
42	TM	1,2-Dichloroethane	50.000	47.452	5.1	101	0.00
43	T	Isopropyl Acetate	50.000	43.699	12.6	98	0.00
44	TM	Trichloroethene	50.000	48.462	3.1	105	0.00
45	C	1,2-Dichloropropane	50.000	47.071	5.9#	99	0.00
46	T	Dibromomethane	50.000	48.335	3.3	102	0.00
47	T	Bromodichloromethane	50.000	47.445	5.1	100	0.00
48	T	Methyl methacrylate	50.000	44.362	11.3	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	985.986	1.4	102	0.00
50	S	Toluene-d8	50.000	55.465	-10.9	123	0.00
51	T	4-Methyl-2-Pentanone	250.000	224.128	10.3	101	0.00
52	CM	Toluene	50.000	48.193	3.6#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	48.786	2.4	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.730	2.5	100	0.00
55	T	1,1,2-Trichloroethane	50.000	48.441	3.1	101	0.00
56	T	Ethyl methacrylate	50.000	46.027	7.9	102	0.00
57	T	1,3-Dichloropropane	50.000	48.532	2.9	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	232.664	6.9	107	0.00
59	T	2-Hexanone	250.000	231.247	7.5	104	0.00
60	T	Dibromochloromethane	50.000	48.995	2.0	104	0.00
61	T	1,2-Dibromoethane	50.000	49.500	1.0	104	0.00
62	S	4-Bromofluorobenzene	50.000	56.997	-14.0	126	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	47.613	4.8	102	0.00
65	PM	Chlorobenzene	50.000	47.606	4.8	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.650	2.7	103	0.00
67	C	Ethyl Benzene	50.000	48.080	3.8#	99	0.00
68	T	m/p-Xylenes	100.000	98.071	1.9	102	0.00
69	T	o-Xylene	50.000	49.419	1.2	102	0.00
70	T	Styrene	50.000	49.992	0.0	102	0.00
71	P	Bromoform	50.000	50.758	-1.5	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73	T	Isopropylbenzene	50.000	47.234	5.5	102	0.00
74	T	N-amyl acetate	50.000	43.976	12.0	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.709	4.6	105	0.00
76	T	1,2,3-Trichloropropane	50.000	48.377	3.2	111	0.00
77	T	Bromobenzene	50.000	48.284	3.4	105	0.00
78	T	n-propylbenzene	50.000	47.482	5.0	100	0.00
79	T	2-Chlorotoluene	50.000	47.325	5.3	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.496	3.0	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.604	-1.2	109	0.00
82	T	4-Chlorotoluene	50.000	46.880	6.2	102	0.00
83	T	tert-Butylbenzene	50.000	49.485	1.0	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.825	2.3	104	0.00
85	T	sec-Butylbenzene	50.000	48.381	3.2	103	0.00
86	T	p-Isopropyltoluene	50.000	48.436	3.1	102	0.00
87	T	1,3-Dichlorobenzene	50.000	47.367	5.3	105	0.00
88	T	1,4-Dichlorobenzene	50.000	47.624	4.8	105	0.00
89	T	n-Butylbenzene	50.000	48.498	3.0	103	0.00
90	T	Hexachloroethane	50.000	46.055	7.9	101	0.00
91	T	1,2-Dichlorobenzene	50.000	47.799	4.4	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.760	6.5	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.218	-4.4	109	0.01
94	T	Hexachlorobutadiene	50.000	49.936	0.1	111	0.00
95	T	Naphthalene	50.000	45.255	9.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.646	-1.3	106	0.00

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