Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017786.D
Acq On : 27 Mar 2024 17:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 28 02:19:38 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	79	-0.02
2	T	Dichlorodifluoromethane	50.000	38.779	22.4	63	-0.02
3	P	Chloromethane	50.000	51.148	-2.3	78	-0.01
4	C	Vinyl Chloride	50.000	58.579	-17.2#	88	-0.02
5	T	Bromomethane	50.000	60.956	-21.9	98	-0.02
6	T	Chloroethane	50.000	61.053	-22.1	94	-0.02
7	T	Trichlorofluoromethane	50.000	46.464	7.1	71	-0.02
8	T	Diethyl Ether	50.000	50.891	-1.8	76	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.325	5.3	72	-0.03
10	T	Methyl Iodide	50.000	44.870	10.3	63	-0.02
11	T	Tert butyl alcohol	250.000	282.539	-13.0	95	-0.03
12	CM	1,1-Dichloroethene	50.000	48.360	3.3#	71	-0.03
13	T	Acrolein	250.000	260.993	-4.4	76	-0.02
14	T	Allyl chloride	50.000	53.467	-6.9	77	-0.02
15	T	Acrylonitrile	250.000	289.246	-15.7	84	-0.04
16	T	Acetone	250.000	333.887	-33.6#	93	-0.03
17	T	Carbon Disulfide	50.000	46.356	7.3	69	-0.02
18	T	Methyl Acetate	50.000	64.465	-28.9#	95	-0.04
19	T	Methyl tert-butyl Ether	50.000	55.318	-10.6	79	-0.03
20	T	Methylene Chloride	50.000	51.210	-2.4	82	-0.02
21	T	trans-1,2-Dichloroethene	50.000	49.464	1.1	73	-0.03
22	T	Diisopropyl ether	50.000	56.475	-13.0	80	-0.02
23	T	Vinyl Acetate	250.000	293.843	-17.5	82	-0.02
24	P	1,1-Dichloroethane	50.000	51.596	-3.2	75	-0.02
25	T	2-Butanone	250.000	289.594	-15.8	91	-0.02
26	T	2,2-Dichloropropane	50.000	49.639	0.7	73	-0.02
27	T	cis-1,2-Dichloroethene	50.000	50.495	-1.0	73	-0.02
28	T	Bromochloromethane	50.000	57.153	-14.3	88	-0.02
29	T	Tetrahydrofuran	250.000	286.407	-14.6	88	-0.02
30	C	Chloroform	50.000	50.034	-0.1#	74	-0.02
31	T	Cyclohexane	50.000	48.365	3.3	73	-0.02
32	T	1,1,1-Trichloroethane	50.000	48.140	3.7	71	-0.01
33	S	1,2-Dichloroethane-d4	50.000	56.753	-13.5	89	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	-0.01
35	S	Dibromofluoromethane	50.000	49.814	0.4	82	-0.02
36	T	1,1-Dichloropropene	50.000	46.587	6.8	73	-0.02
37	T	Ethyl Acetate	50.000	56.649	-13.3	89	-0.02
38	T	Carbon Tetrachloride	50.000	45.609	8.8	71	-0.02
39	T	Methylcyclohexane	50.000	46.005	8.0	69	-0.01
40	TM	Benzene	50.000	48.136	3.7	75	-0.01
41	T	Methacrylonitrile	50.000	67.763	-35.5#	102	0.00
42	TM	1,2-Dichloroethane	50.000	50.897	-1.8	80	-0.01
43	T	Isopropyl Acetate	50.000	51.992	-4.0	87	-0.01
44	TM	Trichloroethene	50.000	42.294	15.4	68	-0.02
45	C	1,2-Dichloropropane	50.000	49.779	0.4#	78	-0.01
46	T	Dibromomethane	50.000	48.484	3.0	76	-0.01
47	T	Bromodichloromethane	50.000	48.431	3.1	75	0.00
48	T	Methyl methacrylate	50.000	50.758	-1.5	85	-0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1140.418	-14.0	87	-0.01
50	S	Toluene-d8	50.000	49.540	0.9	81	-0.01
51	T	4-Methyl-2-Pentanone	250.000	259.486	-3.8	87	0.00
52	CM	Toluene	50.000	47.664	4.7#	74	-0.01
53	T	t-1,3-Dichloropropene	50.000	50.218	-0.4	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.583	0.8	76	0.00
55	T	1,1,2-Trichloroethane	50.000	47.879	4.2	74	0.00
56	T	Ethyl methacrylate	50.000	48.192	3.6	79	0.00
57	T	1,3-Dichloropropane	50.000	49.650	0.7	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.107	0.4	85	0.00
59	T	2-Hexanone	250.000	265.286	-6.1	89	0.00
60	T	Dibromochloromethane	50.000	45.714	8.6	72	0.00
61	T	1,2-Dibromoethane	50.000	49.054	1.9	77	-0.01
62	S	4-Bromofluorobenzene	50.000	51.694	-3.4	85	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	44.532	10.9	71	-0.01
65	PM	Chlorobenzene	50.000	46.678	6.6	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.113	7.8	72	-0.01
67	C	Ethyl Benzene	50.000	47.424	5.2#	72	-0.01
68	T	m/p-Xylenes	100.000	94.011	6.0	72	-0.01
69	T	o-Xylene	50.000	47.661	4.7	72	-0.01
70	T	Styrene	50.000	49.717	0.6	75	0.00
71	P	Bromoform	50.000	46.394	7.2	72	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	45.608	8.8	73	-0.01
74	T	N-amyl acetate	50.000	49.798	0.4	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.393	3.2	79	0.00
76	T	1,2,3-Trichloropropane	50.000	44.597	10.8	76	0.00
77	T	Bromobenzene	50.000	44.982	10.0	72	0.00
78	T	n-propylbenzene	50.000	45.919	8.2	72	0.00
79	T	2-Chlorotoluene	50.000	45.807	8.4	73	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	46.506	7.0	73	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	50.903	-1.8	81	0.00
82	T	4-Chlorotoluene	50.000	46.368	7.3	75	0.00
83	T	tert-Butylbenzene	50.000	45.774	8.5	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.285	5.4	74	0.00
85	T	sec-Butylbenzene	50.000	43.951	12.1	69	0.00
86	T	p-Isopropyltoluene	50.000	47.171	5.7	73	0.00
87	T	1,3-Dichlorobenzene	50.000	44.690	10.6	74	0.00
88	T	1,4-Dichlorobenzene	50.000	45.386	9.2	74	0.00
89	T	n-Butylbenzene	50.000	48.651	2.7	76	0.00
90	T	Hexachloroethane	50.000	41.641	16.7	68	0.00
91	T	1,2-Dichlorobenzene	50.000	45.507	9.0	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.596	0.8	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.585	0.8	77	0.00
94	T	Hexachlorobutadiene	50.000	44.133	11.7	72	0.00
95	T	Naphthalene	50.000	47.161	5.7	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.517	-1.0	78	0.00

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