Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
Data File : VY017027.D
Acq On : 17 Jan 2024 21:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 18 08:28:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	90	0.03
2	T	Dichlorodifluoromethane	50.000	57.283	-14.6	98	0.01
3	P	Chloromethane	50.000	62.382	-24.8	110	0.02
4	C	Vinyl Chloride	50.000	60.047	-20.1#	104	0.02
5	T	Bromomethane	50.000	64.279	-28.6#	118	0.02
6	T	Chloroethane	50.000	58.944	-17.9	103	0.02
7	T	Trichlorofluoromethane	50.000	51.022	-2.0	89	0.02
8	T	Diethyl Ether	50.000	56.723	-13.4	96	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.708	2.6	86	0.03
10	T	Methyl Iodide	50.000	58.418	-16.8	94	0.03
11	T	Tert butyl alcohol	250.000	260.715	-4.3	90	0.03
12	CM	1,1-Dichloroethene	50.000	55.651	-11.3#	96	0.03
13	T	Acrolein	250.000	215.552	13.8	79	0.02
14	T	Allyl chloride	50.000	57.012	-14.0	96	0.03
15	T	Acrylonitrile	250.000	273.061	-9.2	95	0.03
16	T	Acetone	250.000	264.156	-5.7	92	0.02
17	T	Carbon Disulfide	50.000	73.820	-47.6#	120	0.03
18	T	Methyl Acetate	50.000	63.618	-27.2#	99	0.02
19	T	Methyl tert-butyl Ether	50.000	55.137	-10.3	92	0.04
20	T	Methylene Chloride	50.000	51.532	-3.1	89	0.04
21	T	trans-1,2-Dichloroethene	50.000	58.674	-17.3	100	0.04
22	T	Diisopropyl ether	50.000	55.074	-10.1	91	0.04
23	T	Vinyl Acetate	250.000	270.887	-8.4	93	0.04
24	P	1,1-Dichloroethane	50.000	53.823	-7.6	92	0.04
25	T	2-Butanone	250.000	275.882	-10.4	94	0.04
26	T	2,2-Dichloropropane	50.000	48.624	2.8	84	0.04
27	T	cis-1,2-Dichloroethene	50.000	56.115	-12.2	95	0.03
28	T	Bromochloromethane	50.000	55.308	-10.6	87	0.03
29	T	Tetrahydrofuran	250.000	280.361	-12.1	95	0.03
30	C	Chloroform	50.000	53.364	-6.7#	92	0.03
31	T	Cyclohexane	50.000	54.927	-9.9	96	0.03
32	T	1,1,1-Trichloroethane	50.000	52.414	-4.8	90	0.03
33	S	1,2-Dichloroethane-d4	50.000	43.511	13.0	77	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.02
35	S	Dibromofluoromethane	50.000	42.515	15.0	79	0.03
36	T	1,1-Dichloropropene	50.000	53.529	-7.1	95	0.03
37	T	Ethyl Acetate	50.000	50.867	-1.7	91	0.03
38	T	Carbon Tetrachloride	50.000	49.859	0.3	89	0.02
39	T	Methylcyclohexane	50.000	57.083	-14.2	97	0.03
40	TM	Benzene	50.000	54.266	-8.5	97	0.03
41	T	Methacrylonitrile	50.000	50.916	-1.8	100	0.03
42	TM	1,2-Dichloroethane	50.000	53.188	-6.4	96	0.02
43	T	Isopropyl Acetate	50.000	51.948	-3.9	94	0.02
44	TM	Trichloroethene	50.000	53.084	-6.2	94	0.03
45	C	1,2-Dichloropropane	50.000	52.135	-4.3#	93	0.02
46	T	Dibromomethane	50.000	53.360	-6.7	96	0.02
47	T	Bromodichloromethane	50.000	51.101	-2.2	92	0.02
48	T	Methyl methacrylate	50.000	56.435	-12.9	97	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1016.140	-1.6	93	0.02
50	S	Toluene-d8	50.000	40.783	18.4	72	0.02
51	T	4-Methyl-2-Pentanone	250.000	264.552	-5.8	92	0.02
52	CM	Toluene	50.000	54.909	-9.8#	96	0.02
53	T	t-1,3-Dichloropropene	50.000	51.982	-4.0	91	0.02
54	T	cis-1,3-Dichloropropene	50.000	52.577	-5.2	92	0.02
55	T	1,1,2-Trichloroethane	50.000	50.726	-1.5	92	0.02
56	T	Ethyl methacrylate	50.000	55.259	-10.5	95	0.02
57	T	1,3-Dichloropropane	50.000	53.100	-6.2	95	0.02
58	T	2-Chloroethyl Vinyl ether	250.000	253.937	-1.6	94	0.03
59	T	2-Hexanone	250.000	246.993	1.2	91	0.02
60	T	Dibromochloromethane	50.000	51.636	-3.3	92	0.02
61	T	1,2-Dibromoethane	50.000	54.379	-8.8	96	0.02
62	S	4-Bromofluorobenzene	50.000	41.509	17.0	77	0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.02
64	T	Tetrachloroethene	50.000	54.665	-9.3	100	0.02
65	PM	Chlorobenzene	50.000	51.790	-3.6	95	0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	49.891	0.2	90	0.02
67	C	Ethyl Benzene	50.000	53.280	-6.6#	94	0.02
68	T	m/p-Xylenes	100.000	108.521	-8.5	95	0.02
69	T	o-Xylene	50.000	53.857	-7.7	94	0.02
70	T	Styrene	50.000	54.767	-9.5	93	0.02
71	P	Bromoform	50.000	50.471	-0.9	90	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.02
73	T	Isopropylbenzene	50.000	52.060	-4.1	91	0.02
74	T	N-amyl acetate	50.000	51.076	-2.2	90	0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	47.924	4.2	90	0.02
76	T	1,2,3-Trichloropropane	50.000	88.798	-77.6#	146	0.02
77	T	Bromobenzene	50.000	50.670	-1.3	93	0.02
78	T	n-propylbenzene	50.000	51.086	-2.2	89	0.02
79	T	2-Chlorotoluene	50.000	50.871	-1.7	91	0.02
80	T	1,3,5-Trimethylbenzene	50.000	52.308	-4.6	91	0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	50.443	-0.9	94	0.02
82	T	4-Chlorotoluene	50.000	51.040	-2.1	92	0.02
83	T	tert-Butylbenzene	50.000	51.666	-3.3	92	0.02
84	T	1,2,4-Trimethylbenzene	50.000	52.599	-5.2	92	0.02
85	T	sec-Butylbenzene	50.000	49.774	0.5	87	0.02
86	T	p-Isopropyltoluene	50.000	50.660	-1.3	87	0.02
87	T	1,3-Dichlorobenzene	50.000	49.820	0.4	90	0.02
88	T	1,4-Dichlorobenzene	50.000	49.107	1.8	90	0.02
89	T	n-Butylbenzene	50.000	49.766	0.5	86	0.02
90	T	Hexachloroethane	50.000	47.531	4.9	87	0.02
91	T	1,2-Dichlorobenzene	50.000	49.011	2.0	89	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.597	6.8	90	0.01
93	T	1,2,4-Trichlorobenzene	50.000	47.997	4.0	83	0.01
94	T	Hexachlorobutadiene	50.000	42.759	14.5	77	0.02
95	T	Naphthalene	50.000	49.667	0.7	86	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.806	6.4	81	0.02

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