Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
Data File : VY019211.D
Acq On : 22 Aug 2024 11:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 23 01:48:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 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	47.712	4.6	76	0.00
3	P	Chloromethane	50.000	43.717	12.6	74	0.00
4	C	Vinyl Chloride	50.000	45.958	8.1#	77	0.00
5	T	Bromomethane	50.000	60.596	-21.2	92	0.00
6	T	Chloroethane	50.000	51.302	-2.6	86	0.00
7	T	Trichlorofluoromethane	50.000	44.158	11.7	74	0.00
8	T	Diethyl Ether	50.000	48.258	3.5	83	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.430	3.1	83	0.00
10	T	Methyl Iodide	50.000	56.696	-13.4	84	0.00
11	T	Tert butyl alcohol	250.000	236.885	5.2	79	0.00
12	CM	1,1-Dichloroethene	50.000	51.635	-3.3#	88	0.00
13	T	Acrolein	250.000	175.858	29.7#	60	0.01
14	T	Allyl chloride	50.000	49.898	0.2	82	0.00
15	T	Acrylonitrile	250.000	251.648	-0.7	80	0.00
16	T	Acetone	250.000	273.458	-9.4	86	0.00
17	T	Carbon Disulfide	50.000	50.041	-0.1	83	0.00
18	T	Methyl Acetate	50.000	47.290	5.4	80	0.00
19	T	Methyl tert-butyl Ether	50.000	51.673	-3.3	83	0.01
20	T	Methylene Chloride	50.000	51.602	-3.2	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.877	-3.8	85	0.00
22	T	Diisopropyl ether	50.000	54.063	-8.1	89	0.01
23	T	Vinyl Acetate	250.000	269.450	-7.8	86	0.00
24	P	1,1-Dichloroethane	50.000	51.528	-3.1	88	0.00
25	T	2-Butanone	250.000	250.232	-0.1	80	0.00
26	T	2,2-Dichloropropane	50.000	53.503	-7.0	90	0.01
27	T	cis-1,2-Dichloroethene	50.000	53.353	-6.7	88	0.00
28	T	Bromochloromethane	50.000	50.873	-1.7	90	0.01
29	T	Tetrahydrofuran	250.000	244.986	2.0	80	0.00
30	C	Chloroform	50.000	53.601	-7.2#	88	0.00
31	T	Cyclohexane	50.000	52.651	-5.3	84	0.00
32	T	1,1,1-Trichloroethane	50.000	54.150	-8.3	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.545	-5.1	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	53.872	-7.7	91	0.00
36	T	1,1-Dichloropropene	50.000	51.696	-3.4	88	0.00
37	T	Ethyl Acetate	50.000	51.442	-2.9	79	0.00
38	T	Carbon Tetrachloride	50.000	55.485	-11.0	90	0.00
39	T	Methylcyclohexane	50.000	51.556	-3.1	86	0.00
40	TM	Benzene	50.000	54.306	-8.6	90	0.00
41	T	Methacrylonitrile	50.000	52.928	-5.9	80	-0.02
42	TM	1,2-Dichloroethane	50.000	52.928	-5.9	86	0.00
43	T	Isopropyl Acetate	50.000	50.432	-0.9	81	0.00
44	TM	Trichloroethene	50.000	53.099	-6.2	90	0.00
45	C	1,2-Dichloropropane	50.000	52.849	-5.7#	88	0.00
46	T	Dibromomethane	50.000	52.702	-5.4	84	0.00
47	T	Bromodichloromethane	50.000	54.039	-8.1	89	0.00
48	T	Methyl methacrylate	50.000	51.304	-2.6	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1039.019	-3.9	85	0.00
50	S	Toluene-d8	50.000	54.704	-9.4	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.076	-0.0	77	0.00
52	CM	Toluene	50.000	55.351	-10.7#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	55.061	-10.1	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.064	-10.1	86	0.00
55	T	1,1,2-Trichloroethane	50.000	53.836	-7.7	88	0.00
56	T	Ethyl methacrylate	50.000	54.235	-8.5	85	0.00
57	T	1,3-Dichloropropane	50.000	53.570	-7.1	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.684	-1.5	84	0.00
59	T	2-Hexanone	250.000	253.753	-1.5	79	0.00
60	T	Dibromochloromethane	50.000	55.145	-10.3	89	0.00
61	T	1,2-Dibromoethane	50.000	52.709	-5.4	84	0.00
62	S	4-Bromofluorobenzene	50.000	53.664	-7.3	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	52.883	-5.8	92	0.00
65	PM	Chlorobenzene	50.000	53.188	-6.4	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.884	-11.8	93	0.00
67	C	Ethyl Benzene	50.000	54.639	-9.3#	91	0.00
68	T	m/p-Xylenes	100.000	112.613	-12.6	93	0.00
69	T	o-Xylene	50.000	55.631	-11.3	90	0.00
70	T	Styrene	50.000	56.519	-13.0	91	0.00
71	P	Bromoform	50.000	55.513	-11.0	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	55.606	-11.2	92	0.00
74	T	N-amyl acetate	50.000	50.592	-1.2	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.677	0.6	82	0.00
76	T	1,2,3-Trichloropropane	50.000	44.417	11.2	77	0.00
77	T	Bromobenzene	50.000	54.136	-8.3	91	0.00
78	T	n-propylbenzene	50.000	54.576	-9.2	90	0.00
79	T	2-Chlorotoluene	50.000	54.278	-8.6	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.646	-11.3	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.954	-3.9	84	0.00
82	T	4-Chlorotoluene	50.000	54.265	-8.5	90	0.00
83	T	tert-Butylbenzene	50.000	54.099	-8.2	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.284	-8.6	89	0.00
85	T	sec-Butylbenzene	50.000	54.180	-8.4	90	0.00
86	T	p-Isopropyltoluene	50.000	55.755	-11.5	91	0.00
87	T	1,3-Dichlorobenzene	50.000	54.984	-10.0	92	0.00
88	T	1,4-Dichlorobenzene	50.000	53.936	-7.9	90	0.00
89	T	n-Butylbenzene	50.000	53.002	-6.0	85	0.00
90	T	Hexachloroethane	50.000	54.597	-9.2	89	0.00
91	T	1,2-Dichlorobenzene	50.000	53.886	-7.8	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.946	2.1	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.026	-2.1	82	0.00
94	T	Hexachlorobutadiene	50.000	54.508	-9.0	86	0.00
95	T	Naphthalene	50.000	50.012	-0.0	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.458	-2.9	80	0.00

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