Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
Data File : VY018810.D
Acq On : 15 Jul 2024 11:08
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: Jul 15 13:12:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	46.557	6.9	73	0.00
3	P	Chloromethane	50.000	50.925	-1.8	84	0.00
4	C	Vinyl Chloride	50.000	48.936	2.1#	79	0.00
5	T	Bromomethane	50.000	48.752	2.5	87	0.00
6	T	Chloroethane	50.000	49.120	1.8	83	0.00
7	T	Trichlorofluoromethane	50.000	49.994	0.0	79	0.00
8	T	Diethyl Ether	50.000	54.809	-9.6	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.239	5.5	75	0.00
10	T	Methyl Iodide	50.000	54.051	-8.1	82	0.00
11	T	Tert butyl alcohol	250.000	195.155	21.9	88	0.00
12	CM	1,1-Dichloroethene	50.000	48.716	2.6#	80	0.00
13	T	Acrolein	250.000	211.562	15.4	77	0.00
14	T	Allyl chloride	50.000	51.950	-3.9	86	0.00
15	T	Acrylonitrile	250.000	271.978	-8.8	90	0.00
16	T	Acetone	250.000	302.321	-20.9	104	-0.01
17	T	Carbon Disulfide	50.000	50.136	-0.3	80	0.00
18	T	Methyl Acetate	50.000	47.927	4.1	87	0.00
19	T	Methyl tert-butyl Ether	50.000	54.051	-8.1	88	0.00
20	T	Methylene Chloride	50.000	57.364	-14.7	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.746	-3.5	84	0.00
22	T	Diisopropyl ether	50.000	52.007	-4.0	88	0.00
23	T	Vinyl Acetate	250.000	270.923	-8.4	88	0.00
24	P	1,1-Dichloroethane	50.000	51.436	-2.9	87	0.00
25	T	2-Butanone	250.000	277.973	-11.2	94	0.00
26	T	2,2-Dichloropropane	50.000	51.142	-2.3	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.589	-3.2	87	0.00
28	T	Bromochloromethane	50.000	54.781	-9.6	92	0.00
29	T	Tetrahydrofuran	250.000	273.529	-9.4	89	0.00
30	C	Chloroform	50.000	53.232	-6.5#	90	0.00
31	T	Cyclohexane	50.000	45.083	9.8	76	0.00
32	T	1,1,1-Trichloroethane	50.000	52.086	-4.2	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.726	4.5	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	48.111	3.8	78	0.00
36	T	1,1-Dichloropropene	50.000	48.513	3.0	82	0.00
37	T	Ethyl Acetate	50.000	52.426	-4.9	86	0.00
38	T	Carbon Tetrachloride	50.000	49.242	1.5	81	0.00
39	T	Methylcyclohexane	50.000	46.919	6.2	77	0.00
40	TM	Benzene	50.000	50.667	-1.3	87	0.00
41	T	Methacrylonitrile	50.000	48.088	3.8	89	-0.04
42	TM	1,2-Dichloroethane	50.000	50.740	-1.5	87	0.00
43	T	Isopropyl Acetate	50.000	52.707	-5.4	89	0.00
44	TM	Trichloroethene	50.000	50.400	-0.8	87	0.00
45	C	1,2-Dichloropropane	50.000	51.498	-3.0#	89	0.00
46	T	Dibromomethane	50.000	52.934	-5.9	88	0.00
47	T	Bromodichloromethane	50.000	52.515	-5.0	89	0.00
48	T	Methyl methacrylate	50.000	51.031	-2.1	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1077.969	-7.8	90	0.00
50	S	Toluene-d8	50.000	46.369	7.3	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.582	-7.8	89	0.00
52	CM	Toluene	50.000	50.185	-0.4#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	54.669	-9.3	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.766	-5.5	89	0.00
55	T	1,1,2-Trichloroethane	50.000	52.488	-5.0	90	0.00
56	T	Ethyl methacrylate	50.000	54.655	-9.3	92	0.00
57	T	1,3-Dichloropropane	50.000	53.221	-6.4	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.677	-17.9	92	0.00
59	T	2-Hexanone	250.000	276.064	-10.4	90	0.00
60	T	Dibromochloromethane	50.000	54.776	-9.6	93	0.00
61	T	1,2-Dibromoethane	50.000	51.960	-3.9	86	0.00
62	S	4-Bromofluorobenzene	50.000	47.854	4.3	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	48.893	2.2	85	0.00
65	PM	Chlorobenzene	50.000	49.833	0.3	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.538	-1.1	90	0.00
67	C	Ethyl Benzene	50.000	48.021	4.0#	86	0.00
68	T	m/p-Xylenes	100.000	98.014	2.0	87	0.00
69	T	o-Xylene	50.000	49.012	2.0	86	0.00
70	T	Styrene	50.000	50.237	-0.5	89	0.00
71	P	Bromoform	50.000	54.484	-9.0	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	47.687	4.6	84	0.00
74	T	N-amyl acetate	50.000	51.126	-2.3	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.810	-1.6	90	0.00
76	T	1,2,3-Trichloropropane	50.000	60.526	-21.1	116	0.00
77	T	Bromobenzene	50.000	49.919	0.2	90	0.00
78	T	n-propylbenzene	50.000	48.115	3.8	85	0.00
79	T	2-Chlorotoluene	50.000	48.329	3.3	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.773	2.5	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.830	-5.7	89	0.00
82	T	4-Chlorotoluene	50.000	48.185	3.6	86	0.00
83	T	tert-Butylbenzene	50.000	48.725	2.5	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.079	3.8	86	0.00
85	T	sec-Butylbenzene	50.000	47.524	5.0	82	0.00
86	T	p-Isopropyltoluene	50.000	48.414	3.2	85	0.00
87	T	1,3-Dichlorobenzene	50.000	49.716	0.6	89	0.00
88	T	1,4-Dichlorobenzene	50.000	48.293	3.4	87	0.00
89	T	n-Butylbenzene	50.000	47.743	4.5	82	0.00
90	T	Hexachloroethane	50.000	50.473	-0.9	88	0.00
91	T	1,2-Dichlorobenzene	50.000	49.818	0.4	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.326	-6.7	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.947	-7.9	92	0.00
94	T	Hexachlorobutadiene	50.000	49.804	0.4	83	0.00
95	T	Naphthalene	50.000	54.988	-10.0	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.637	-7.3	92	0.00

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