Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
Data File : VY018893.D
Acq On : 22 Jul 2024 17:36
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 23 08:02:32 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	38.317	23.4	60	0.00
3	P	Chloromethane	50.000	39.752	20.5	65	0.00
4	C	Vinyl Chloride	50.000	41.359	17.3#	66	0.00
5	T	Bromomethane	50.000	42.261	15.5	75	0.00
6	T	Chloroethane	50.000	42.187	15.6	71	0.00
7	T	Trichlorofluoromethane	50.000	45.232	9.5	71	0.00
8	T	Diethyl Ether	50.000	47.677	4.6	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.272	11.5	69	0.00
10	T	Methyl Iodide	50.000	47.462	5.1	71	0.00
11	T	Tert butyl alcohol	250.000	196.492	21.4	88	0.00
12	CM	1,1-Dichloroethene	50.000	42.688	14.6#	70	0.00
13	T	Acrolein	250.000	148.518	40.6#	54	0.00
14	T	Allyl chloride	50.000	44.046	11.9	73	0.00
15	T	Acrylonitrile	250.000	258.003	-3.2	85	0.00
16	T	Acetone	250.000	279.045	-11.6	96	-0.01
17	T	Carbon Disulfide	50.000	40.426	19.1	64	0.00
18	T	Methyl Acetate	50.000	50.310	-0.6	91	-0.01
19	T	Methyl tert-butyl Ether	50.000	47.916	4.2	78	0.00
20	T	Methylene Chloride	50.000	55.426	-10.9	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.523	13.0	71	0.00
22	T	Diisopropyl ether	50.000	45.290	9.4	77	0.00
23	T	Vinyl Acetate	250.000	247.403	1.0	79	0.00
24	P	1,1-Dichloroethane	50.000	44.954	10.1	75	0.00
25	T	2-Butanone	250.000	265.302	-6.1	89	0.00
26	T	2,2-Dichloropropane	50.000	44.030	11.9	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.054	7.9	78	0.00
28	T	Bromochloromethane	50.000	48.076	3.8	81	0.00
29	T	Tetrahydrofuran	250.000	263.749	-5.5	86	0.00
30	C	Chloroform	50.000	46.849	6.3#	78	0.00
31	T	Cyclohexane	50.000	39.905	20.2	67	0.00
32	T	1,1,1-Trichloroethane	50.000	45.734	8.5	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.555	0.9	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	49.807	0.4	78	0.00
36	T	1,1-Dichloropropene	50.000	43.243	13.5	71	0.00
37	T	Ethyl Acetate	50.000	52.700	-5.4	84	-0.01
38	T	Carbon Tetrachloride	50.000	44.932	10.1	71	0.00
39	T	Methylcyclohexane	50.000	43.494	13.0	69	0.00
40	TM	Benzene	50.000	45.634	8.7	76	0.00
41	T	Methacrylonitrile	50.000	48.106	3.8	86	-0.02
42	TM	1,2-Dichloroethane	50.000	48.261	3.5	81	0.00
43	T	Isopropyl Acetate	50.000	52.653	-5.3	87	0.00
44	TM	Trichloroethene	50.000	46.712	6.6	78	0.00
45	C	1,2-Dichloropropane	50.000	45.963	8.1#	77	0.00
46	T	Dibromomethane	50.000	48.752	2.5	79	0.00
47	T	Bromodichloromethane	50.000	47.797	4.4	79	0.00
48	T	Methyl methacrylate	50.000	48.868	2.3	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1002.932	-0.3	82	0.00
50	S	Toluene-d8	50.000	46.776	6.4	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.759	-4.7	84	0.00
52	CM	Toluene	50.000	43.651	12.7#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	48.720	2.6	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.371	3.3	79	0.00
55	T	1,1,2-Trichloroethane	50.000	50.619	-1.2	84	0.00
56	T	Ethyl methacrylate	50.000	52.335	-4.7	85	0.00
57	T	1,3-Dichloropropane	50.000	48.053	3.9	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.410	-11.4	85	0.00
59	T	2-Hexanone	250.000	273.758	-9.5	87	0.00
60	T	Dibromochloromethane	50.000	51.933	-3.9	85	0.00
61	T	1,2-Dibromoethane	50.000	51.013	-2.0	82	0.00
62	S	4-Bromofluorobenzene	50.000	47.944	4.1	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	46.786	6.4	78	0.00
65	PM	Chlorobenzene	50.000	45.618	8.8	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.357	5.3	81	0.00
67	C	Ethyl Benzene	50.000	43.979	12.0#	75	0.00
68	T	m/p-Xylenes	100.000	87.799	12.2	74	0.00
69	T	o-Xylene	50.000	45.013	10.0	76	0.00
70	T	Styrene	50.000	44.745	10.5	76	0.00
71	P	Bromoform	50.000	51.275	-2.5	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	42.974	14.1	74	0.00
74	T	N-amyl acetate	50.000	47.852	4.3	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.174	5.7	82	0.00
76	T	1,2,3-Trichloropropane	50.000	45.953	8.1	86	0.00
77	T	Bromobenzene	50.000	45.071	9.9	80	0.00
78	T	n-propylbenzene	50.000	43.073	13.9	74	0.00
79	T	2-Chlorotoluene	50.000	42.952	14.1	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.817	14.4	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.161	5.7	78	0.00
82	T	4-Chlorotoluene	50.000	41.913	16.2	74	0.00
83	T	tert-Butylbenzene	50.000	43.812	12.4	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.577	14.8	75	0.00
85	T	sec-Butylbenzene	50.000	43.648	12.7	74	0.00
86	T	p-Isopropyltoluene	50.000	42.643	14.7	74	0.00
87	T	1,3-Dichlorobenzene	50.000	44.416	11.2	78	0.00
88	T	1,4-Dichlorobenzene	50.000	43.853	12.3	78	0.00
89	T	n-Butylbenzene	50.000	42.694	14.6	72	0.00
90	T	Hexachloroethane	50.000	43.527	12.9	75	0.00
91	T	1,2-Dichlorobenzene	50.000	46.634	6.7	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.855	4.3	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.187	5.6	79	0.00
94	T	Hexachlorobutadiene	50.000	45.496	9.0	75	0.00
95	T	Naphthalene	50.000	50.107	-0.2	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.429	5.1	80	0.00

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