Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008910.D
Acq On : 20 May 2022 08:52
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 20 09:08:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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	77	0.00
2	T	Dichlorodifluoromethane	50.000	48.285	3.4	76	0.00
3	P	Chloromethane	50.000	66.998	-34.0#	90	0.00
4	C	Vinyl Chloride	50.000	61.963	-23.9#	88	0.00
5	T	Bromomethane	50.000	70.482	-41.0#	117	0.00
6	T	Chloroethane	50.000	61.450	-22.9	91	0.00
7	T	Trichlorofluoromethane	50.000	52.937	-5.9	79	0.00
8	T	Diethyl Ether	50.000	57.580	-15.2	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.767	-7.5	81	0.00
10	T	Methyl Iodide	50.000	36.871	26.3#	60	0.00
11	T	Tert butyl alcohol	250.000	238.978	4.4	79	0.00
12	CM	1,1-Dichloroethene	50.000	48.469	3.1#	83	0.00
13	T	Acrolein	250.000	112.848	54.9#	54	0.00
14	T	Allyl chloride	50.000	52.091	-4.2	89	0.00
15	T	Acrylonitrile	250.000	243.164	2.7	79	0.00
16	T	Acetone	250.000	255.468	-2.2	78	0.00
17	T	Carbon Disulfide	50.000	51.443	-2.9	81	0.00
18	T	Methyl Acetate	50.000	49.946	0.1	81	0.00
19	T	Methyl tert-butyl Ether	50.000	61.446	-22.9	100	0.00
20	T	Methylene Chloride	50.000	62.658	-25.3#	95	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.742	-1.5	86	0.00
22	T	Diisopropyl ether	50.000	66.604	-33.2#	107	0.00
23	T	Vinyl Acetate	250.000	310.544	-24.2	97	0.00
24	P	1,1-Dichloroethane	50.000	56.554	-13.1	94	0.00
25	T	2-Butanone	250.000	249.680	0.1	80	0.00
26	T	2,2-Dichloropropane	50.000	44.489	11.0	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.317	-14.6	95	0.00
28	T	Bromochloromethane	50.000	56.487	-13.0	89	0.00
29	T	Tetrahydrofuran	250.000	253.110	-1.2	80	0.00
30	C	Chloroform	50.000	59.040	-18.1#	96	0.00
31	T	Cyclohexane	50.000	53.936	-7.9	84	0.00
32	T	1,1,1-Trichloroethane	50.000	54.968	-9.9	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	67.566	-35.1#	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	54.000	-8.0	91	0.00
36	T	1,1-Dichloropropene	50.000	47.220	5.6	88	0.00
37	T	Ethyl Acetate	50.000	45.149	9.7	86	0.00
38	T	Carbon Tetrachloride	50.000	46.666	6.7	88	0.00
39	T	Methylcyclohexane	50.000	47.117	5.8	86	0.00
40	TM	Benzene	50.000	52.689	-5.4	96	0.00
41	T	Methacrylonitrile	50.000	48.352	3.3	90	0.00
42	TM	1,2-Dichloroethane	50.000	54.500	-9.0	100	0.00
43	T	Isopropyl Acetate	50.000	54.265	-8.5	97	0.00
44	TM	Trichloroethene	50.000	49.133	1.7	90	0.00
45	C	1,2-Dichloropropane	50.000	57.143	-14.3#	103	0.00
46	T	Dibromomethane	50.000	53.793	-7.6	100	0.00
47	T	Bromodichloromethane	50.000	56.677	-13.4	103	0.00
48	T	Methyl methacrylate	50.000	54.668	-9.3	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	956.317	4.4	84	0.00
50	S	Toluene-d8	50.000	52.418	-4.8	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.709	-5.1	92	0.00
52	CM	Toluene	50.000	56.453	-12.9#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	56.016	-12.0	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.890	-7.8	97	0.00
55	T	1,1,2-Trichloroethane	50.000	57.855	-15.7	102	0.00
56	T	Ethyl methacrylate	50.000	61.926	-23.9	105	0.00
57	T	1,3-Dichloropropane	50.000	57.848	-15.7	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.981	-13.6	96	0.00
59	T	2-Hexanone	250.000	258.868	-3.5	87	0.00
60	T	Dibromochloromethane	50.000	58.902	-17.8	105	0.00
61	T	1,2-Dibromoethane	50.000	56.166	-12.3	99	0.00
62	S	4-Bromofluorobenzene	50.000	54.133	-8.3	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	46.492	7.0	93	0.00
65	PM	Chlorobenzene	50.000	51.022	-2.0	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.648	-9.3	105	0.00
67	C	Ethyl Benzene	50.000	52.214	-4.4#	98	0.00
68	T	m/p-Xylenes	100.000	109.148	-9.1	98	0.00
69	T	o-Xylene	50.000	56.212	-12.4	101	0.00
70	T	Styrene	50.000	58.381	-16.8	102	0.00
71	P	Bromoform	50.000	55.025	-10.0	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	46.541	6.9	99	0.00
74	T	N-amyl acetate	50.000	51.735	-3.5	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.652	8.7	102	0.00
76	T	1,2,3-Trichloropropane	50.000	41.833	16.3	93	0.00
77	T	Bromobenzene	50.000	46.319	7.4	102	0.00
78	T	n-propylbenzene	50.000	46.492	7.0	97	0.00
79	T	2-Chlorotoluene	50.000	48.329	3.3	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.479	-1.0	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.941	20.1	82	0.00
82	T	4-Chlorotoluene	50.000	50.175	-0.3	100	0.00
83	T	tert-Butylbenzene	50.000	50.009	-0.0	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.644	-3.3	101	0.00
85	T	sec-Butylbenzene	50.000	49.922	0.2	99	0.00
86	T	p-Isopropyltoluene	50.000	51.190	-2.4	98	0.00
87	T	1,3-Dichlorobenzene	50.000	50.379	-0.8	102	0.00
88	T	1,4-Dichlorobenzene	50.000	50.483	-1.0	100	0.00
89	T	n-Butylbenzene	50.000	47.050	5.9	93	0.00
90	T	Hexachloroethane	50.000	51.016	-2.0	105	0.00
91	T	1,2-Dichlorobenzene	50.000	52.301	-4.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.238	19.5	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.555	6.9	98	0.00
94	T	Hexachlorobutadiene	50.000	44.102	11.8	96	0.00
95	T	Naphthalene	50.000	46.007	8.0	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.228	3.5	102	0.00

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