Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008829.D
Acq On : 18 May 2022 21:08
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 03:14:16 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	46.167	7.7	95	0.00
3	P	Chloromethane	50.000	49.389	1.2	91	0.00
4	C	Vinyl Chloride	50.000	49.166	1.7#	93	0.00
5	T	Bromomethane	50.000	52.710	-5.4	115	0.00
6	T	Chloroethane	50.000	48.062	3.9	95	0.00
7	T	Trichlorofluoromethane	50.000	46.124	7.8	91	0.00
8	T	Diethyl Ether	50.000	48.229	3.5	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.688	0.6	97	0.00
10	T	Methyl Iodide	50.000	44.036	11.9	93	0.00
11	T	Tert butyl alcohol	250.000	200.598	19.8	86	0.01
12	CM	1,1-Dichloroethene	50.000	43.124	13.8#	96	0.00
13	T	Acrolein	250.000	116.267	53.5#	72	0.00
14	T	Allyl chloride	50.000	45.622	8.8	101	0.00
15	T	Acrylonitrile	250.000	205.271	17.9	87	0.00
16	T	Acetone	250.000	210.737	15.7	85	0.00
17	T	Carbon Disulfide	50.000	45.172	9.7	94	0.00
18	T	Methyl Acetate	50.000	42.188	15.6	90	0.00
19	T	Methyl tert-butyl Ether	50.000	54.151	-8.3	114	0.00
20	T	Methylene Chloride	50.000	58.762	-17.5	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.713	10.6	98	0.00
22	T	Diisopropyl ether	50.000	56.308	-12.6	118	0.00
23	T	Vinyl Acetate	250.000	261.885	-4.8	106	0.00
24	P	1,1-Dichloroethane	50.000	48.405	3.2	105	0.00
25	T	2-Butanone	250.000	209.165	16.3	87	0.00
26	T	2,2-Dichloropropane	50.000	43.253	13.5	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.991	2.0	105	0.00
28	T	Bromochloromethane	50.000	55.501	-11.0	113	0.00
29	T	Tetrahydrofuran	250.000	213.128	14.7	88	0.00
30	C	Chloroform	50.000	50.205	-0.4#	106	0.00
31	T	Cyclohexane	50.000	48.405	3.2	99	0.00
32	T	1,1,1-Trichloroethane	50.000	47.752	4.5	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.765	-23.5	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	54.512	-9.0	112	0.00
36	T	1,1-Dichloropropene	50.000	42.020	16.0	96	0.00
37	T	Ethyl Acetate	50.000	39.775	20.5	92	0.00
38	T	Carbon Tetrachloride	50.000	43.285	13.4	99	0.00
39	T	Methylcyclohexane	50.000	45.410	9.2	101	0.00
40	TM	Benzene	50.000	46.580	6.8	104	0.00
41	T	Methacrylonitrile	50.000	34.329	31.3#	78	-0.01
42	TM	1,2-Dichloroethane	50.000	48.445	3.1	109	0.00
43	T	Isopropyl Acetate	50.000	47.509	5.0	104	0.00
44	TM	Trichloroethene	50.000	45.637	8.7	102	0.00
45	C	1,2-Dichloropropane	50.000	50.088	-0.2#	110	0.00
46	T	Dibromomethane	50.000	46.656	6.7	106	0.00
47	T	Bromodichloromethane	50.000	50.357	-0.7	112	0.00
48	T	Methyl methacrylate	50.000	47.837	4.3	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	818.410	18.2	88	0.00
50	S	Toluene-d8	50.000	52.471	-4.9	113	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.699	8.9	97	0.00
52	CM	Toluene	50.000	50.261	-0.5#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	52.693	-5.4	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.003	-0.0	110	0.00
55	T	1,1,2-Trichloroethane	50.000	51.565	-3.1	111	0.00
56	T	Ethyl methacrylate	50.000	55.541	-11.1	115	0.00
57	T	1,3-Dichloropropane	50.000	51.222	-2.4	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.300	-15.3	119	0.00
59	T	2-Hexanone	250.000	222.840	10.9	91	0.00
60	T	Dibromochloromethane	50.000	52.688	-5.4	115	0.00
61	T	1,2-Dibromoethane	50.000	49.880	0.2	108	0.00
62	S	4-Bromofluorobenzene	50.000	54.445	-8.9	120	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	42.698	14.6	103	0.00
65	PM	Chlorobenzene	50.000	47.196	5.6	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.928	0.1	116	0.00
67	C	Ethyl Benzene	50.000	47.891	4.2#	108	0.00
68	T	m/p-Xylenes	100.000	99.792	0.2	109	0.00
69	T	o-Xylene	50.000	51.014	-2.0	111	0.00
70	T	Styrene	50.000	53.853	-7.7	114	0.00
71	P	Bromoform	50.000	48.854	2.3	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	42.272	15.5	110	0.00
74	T	N-amyl acetate	50.000	43.819	12.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.343	19.3	110	0.00
76	T	1,2,3-Trichloropropane	50.000	37.991	24.0	103	0.00
77	T	Bromobenzene	50.000	42.204	15.6	114	0.00
78	T	n-propylbenzene	50.000	42.472	15.1	109	0.00
79	T	2-Chlorotoluene	50.000	43.920	12.2	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.910	8.2	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	37.955	24.1	96	0.00
82	T	4-Chlorotoluene	50.000	45.698	8.6	111	0.00
83	T	tert-Butylbenzene	50.000	45.460	9.1	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.997	6.0	113	0.00
85	T	sec-Butylbenzene	50.000	45.607	8.8	110	0.00
86	T	p-Isopropyltoluene	50.000	47.347	5.3	111	0.00
87	T	1,3-Dichlorobenzene	50.000	45.754	8.5	113	0.00
88	T	1,4-Dichlorobenzene	50.000	45.916	8.2	112	0.00
89	T	n-Butylbenzene	50.000	44.857	10.3	108	0.00
90	T	Hexachloroethane	50.000	44.953	10.1	113	0.00
91	T	1,2-Dichlorobenzene	50.000	46.993	6.0	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	36.478	27.0#	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.698	10.6	115	0.00
94	T	Hexachlorobutadiene	50.000	43.189	13.6	115	0.00
95	T	Naphthalene	50.000	42.004	16.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.318	9.4	117	0.00

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