Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008795.D
Acq On : 18 May 2022 00:35
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 18 08:00:00 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	45.381	9.2	94	0.00
3	P	Chloromethane	50.000	50.941	-1.9	94	0.00
4	C	Vinyl Chloride	50.000	48.542	2.9#	93	0.00
5	T	Bromomethane	50.000	47.568	4.9	105	0.00
6	T	Chloroethane	50.000	48.392	3.2	96	0.00
7	T	Trichlorofluoromethane	50.000	48.757	2.5	96	0.00
8	T	Diethyl Ether	50.000	49.672	0.7	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.022	-2.0	101	0.00
10	T	Methyl Iodide	50.000	47.192	5.6	100	0.00
11	T	Tert butyl alcohol	250.000	181.381	27.4#	78	0.02
12	CM	1,1-Dichloroethene	50.000	43.625	12.8#	98	0.00
13	T	Acrolein	250.000	122.068	51.2#	76	0.00
14	T	Allyl chloride	50.000	47.042	5.9	105	0.00
15	T	Acrylonitrile	250.000	201.004	19.6	86	0.00
16	T	Acetone	250.000	204.864	18.1	84	0.00
17	T	Carbon Disulfide	50.000	46.764	6.5	98	0.00
18	T	Methyl Acetate	50.000	43.534	12.9	93	0.00
19	T	Methyl tert-butyl Ether	50.000	52.313	-4.6	112	0.00
20	T	Methylene Chloride	50.000	53.243	-6.5	107	0.01
21	T	trans-1,2-Dichloroethene	50.000	46.510	7.0	103	0.00
22	T	Diisopropyl ether	50.000	56.112	-12.2	118	0.00
23	T	Vinyl Acetate	250.000	258.367	-3.3	105	0.00
24	P	1,1-Dichloroethane	50.000	50.627	-1.3	111	0.00
25	T	2-Butanone	250.000	205.543	17.8	86	0.00
26	T	2,2-Dichloropropane	50.000	44.473	11.1	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.142	-0.3	109	0.00
28	T	Bromochloromethane	50.000	53.874	-7.7	111	0.00
29	T	Tetrahydrofuran	250.000	203.264	18.7	84	0.00
30	C	Chloroform	50.000	50.522	-1.0#	108	0.00
31	T	Cyclohexane	50.000	49.458	1.1	102	0.00
32	T	1,1,1-Trichloroethane	50.000	48.797	2.4	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	63.248	-26.5#	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	56.201	-12.4	116	0.00
36	T	1,1-Dichloropropene	50.000	44.522	11.0	103	0.00
37	T	Ethyl Acetate	50.000	38.398	23.2	90	0.00
38	T	Carbon Tetrachloride	50.000	44.313	11.4	102	0.00
39	T	Methylcyclohexane	50.000	46.673	6.7	105	0.00
40	TM	Benzene	50.000	47.930	4.1	108	0.00
41	T	Methacrylonitrile	50.000	38.957	22.1	89	-0.01
42	TM	1,2-Dichloroethane	50.000	48.028	3.9	109	0.00
43	T	Isopropyl Acetate	50.000	45.907	8.2	101	0.00
44	TM	Trichloroethene	50.000	45.533	8.9	103	0.00
45	C	1,2-Dichloropropane	50.000	51.228	-2.5#	114	0.00
46	T	Dibromomethane	50.000	49.167	1.7	113	0.00
47	T	Bromodichloromethane	50.000	51.256	-2.5	115	0.00
48	T	Methyl methacrylate	50.000	47.211	5.6	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	796.485	20.4	86	0.00
50	S	Toluene-d8	50.000	54.272	-8.5	118	0.00
51	T	4-Methyl-2-Pentanone	250.000	221.996	11.2	96	0.00
52	CM	Toluene	50.000	52.026	-4.1#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	52.393	-4.8	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.557	-1.1	112	0.00
55	T	1,1,2-Trichloroethane	50.000	52.531	-5.1	114	0.00
56	T	Ethyl methacrylate	50.000	54.773	-9.5	114	0.00
57	T	1,3-Dichloropropane	50.000	50.814	-1.6	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.725	-7.1	111	0.00
59	T	2-Hexanone	250.000	216.050	13.6	89	0.00
60	T	Dibromochloromethane	50.000	53.443	-6.9	117	0.00
61	T	1,2-Dibromoethane	50.000	50.604	-1.2	110	0.00
62	S	4-Bromofluorobenzene	50.000	56.895	-13.8	127	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64	T	Tetrachloroethene	50.000	43.760	12.5	108	0.00
65	PM	Chlorobenzene	50.000	47.834	4.3	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.956	-1.9	120	0.00
67	C	Ethyl Benzene	50.000	49.045	1.9#	113	0.00
68	T	m/p-Xylenes	100.000	103.093	-3.1	114	0.00
69	T	o-Xylene	50.000	53.195	-6.4	117	0.00
70	T	Styrene	50.000	55.126	-10.3	119	0.00
71	P	Bromoform	50.000	48.434	3.1	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73	T	Isopropylbenzene	50.000	43.817	12.4	115	0.00
74	T	N-amyl acetate	50.000	43.296	13.4	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.076	19.8	110	0.00
76	T	1,2,3-Trichloropropane	50.000	39.375	21.3	108	0.00
77	T	Bromobenzene	50.000	43.111	13.8	117	0.00
78	T	n-propylbenzene	50.000	43.718	12.6	112	0.00
79	T	2-Chlorotoluene	50.000	45.117	9.8	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.395	5.2	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.266	23.5	97	0.00
82	T	4-Chlorotoluene	50.000	46.835	6.3	115	0.00
83	T	tert-Butylbenzene	50.000	46.598	6.8	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.863	2.3	118	0.00
85	T	sec-Butylbenzene	50.000	47.263	5.5	115	0.00
86	T	p-Isopropyltoluene	50.000	48.836	2.3	115	0.00
87	T	1,3-Dichlorobenzene	50.000	47.091	5.8	117	0.00
88	T	1,4-Dichlorobenzene	50.000	47.659	4.7	117	0.00
89	T	n-Butylbenzene	50.000	45.640	8.7	110	0.00
90	T	Hexachloroethane	50.000	46.220	7.6	117	0.00
91	T	1,2-Dichlorobenzene	50.000	48.409	3.2	119	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	35.599	28.8#	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.969	10.1	116	0.00
94	T	Hexachlorobutadiene	50.000	42.518	15.0	114	0.00
95	T	Naphthalene	50.000	42.492	15.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.967	8.1	120	0.00

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