Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008628.D
Acq On : 04 May 2022 21:47
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 05 04:40:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	44.646	10.7	102	0.00
3	P	Chloromethane	50.000	48.968	2.1	106	0.00
4	C	Vinyl Chloride	50.000	46.052	7.9#	98	0.00
5	T	Bromomethane	50.000	49.120	1.8	99	0.00
6	T	Chloroethane	50.000	46.869	6.3	100	0.00
7	T	Trichlorofluoromethane	50.000	47.849	4.3	102	0.00
8	T	Diethyl Ether	50.000	53.632	-7.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.652	-1.3	109	0.00
10	T	Methyl Iodide	50.000	52.313	-4.6	100	0.00
11	T	Tert butyl alcohol	250.000	277.824	-11.1	119	0.00
12	CM	1,1-Dichloroethene	50.000	51.998	-4.0#	110	0.00
13	T	Acrolein	250.000	230.572	7.8	98	0.00
14	T	Allyl chloride	50.000	56.474	-12.9	117	0.00
15	T	Acrylonitrile	250.000	289.688	-15.9	122	0.00
16	T	Acetone	250.000	264.628	-5.9	109	0.00
17	T	Carbon Disulfide	50.000	53.729	-7.5	112	0.00
18	T	Methyl Acetate	50.000	58.108	-16.2	122	0.00
19	T	Methyl tert-butyl Ether	50.000	52.846	-5.7	111	0.00
20	T	Methylene Chloride	50.000	58.024	-16.0	118	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.168	-6.3	112	0.00
22	T	Diisopropyl ether	50.000	56.951	-13.9	118	0.00
23	T	Vinyl Acetate	250.000	290.101	-16.0	116	0.00
24	P	1,1-Dichloroethane	50.000	55.621	-11.2	115	0.00
25	T	2-Butanone	250.000	286.240	-14.5	120	0.00
26	T	2,2-Dichloropropane	50.000	48.638	2.7	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.805	-7.6	113	0.00
28	T	Bromochloromethane	50.000	55.397	-10.8	116	0.00
29	T	Tetrahydrofuran	250.000	296.234	-18.5	125	0.00
30	C	Chloroform	50.000	53.858	-7.7#	112	0.00
31	T	Cyclohexane	50.000	52.849	-5.7	115	0.00
32	T	1,1,1-Trichloroethane	50.000	50.966	-1.9	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.680	-3.4	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	52.382	-4.8	110	0.00
36	T	1,1-Dichloropropene	50.000	51.213	-2.4	112	0.00
37	T	Ethyl Acetate	50.000	54.263	-8.5	120	0.00
38	T	Carbon Tetrachloride	50.000	48.085	3.8	104	0.00
39	T	Methylcyclohexane	50.000	51.158	-2.3	110	0.00
40	TM	Benzene	50.000	54.157	-8.3	116	0.00
41	T	Methacrylonitrile	50.000	54.207	-8.4	126	0.00
42	TM	1,2-Dichloroethane	50.000	49.510	1.0	107	0.00
43	T	Isopropyl Acetate	50.000	54.334	-8.7	116	0.00
44	TM	Trichloroethene	50.000	49.990	0.0	110	0.00
45	C	1,2-Dichloropropane	50.000	55.989	-12.0#	119	0.00
46	T	Dibromomethane	50.000	50.911	-1.8	110	0.00
47	T	Bromodichloromethane	50.000	51.912	-3.8	111	0.00
48	T	Methyl methacrylate	50.000	53.478	-7.0	116	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1076.043	-7.6	113	0.00
50	S	Toluene-d8	50.000	54.041	-8.1	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.055	-12.4	121	0.00
52	CM	Toluene	50.000	53.175	-6.3#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.650	-3.3	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.740	-5.5	111	0.00
55	T	1,1,2-Trichloroethane	50.000	53.182	-6.4	115	0.00
56	T	Ethyl methacrylate	50.000	55.953	-11.9	117	0.00
57	T	1,3-Dichloropropane	50.000	53.945	-7.9	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.092	-8.4	111	0.00
59	T	2-Hexanone	250.000	284.019	-13.6	119	0.00
60	T	Dibromochloromethane	50.000	51.778	-3.6	109	0.00
61	T	1,2-Dibromoethane	50.000	52.354	-4.7	113	0.00
62	S	4-Bromofluorobenzene	50.000	51.834	-3.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	50.083	-0.2	110	0.00
65	PM	Chlorobenzene	50.000	52.155	-4.3	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.208	-2.4	108	0.00
67	C	Ethyl Benzene	50.000	53.042	-6.1#	113	0.00
68	T	m/p-Xylenes	100.000	104.288	-4.3	112	0.00
69	T	o-Xylene	50.000	52.452	-4.9	112	0.00
70	T	Styrene	50.000	53.334	-6.7	112	0.00
71	P	Bromoform	50.000	51.178	-2.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	53.860	-7.7	112	0.00
74	T	N-amyl acetate	50.000	56.303	-12.6	113	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.535	-15.1	120	0.00
76	T	1,2,3-Trichloropropane	50.000	50.617	-1.2	112	0.00
77	T	Bromobenzene	50.000	51.809	-3.6	110	0.00
78	T	n-propylbenzene	50.000	54.496	-9.0	113	0.00
79	T	2-Chlorotoluene	50.000	54.110	-8.2	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.750	-7.5	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.542	-11.1	111	0.00
82	T	4-Chlorotoluene	50.000	54.352	-8.7	112	0.00
83	T	tert-Butylbenzene	50.000	53.143	-6.3	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.142	-6.3	109	0.00
85	T	sec-Butylbenzene	50.000	53.452	-6.9	110	0.00
86	T	p-Isopropyltoluene	50.000	53.026	-6.1	108	0.00
87	T	1,3-Dichlorobenzene	50.000	51.344	-2.7	107	0.00
88	T	1,4-Dichlorobenzene	50.000	51.131	-2.3	107	0.00
89	T	n-Butylbenzene	50.000	53.731	-7.5	109	0.00
90	T	Hexachloroethane	50.000	54.020	-8.0	111	0.00
91	T	1,2-Dichlorobenzene	50.000	51.497	-3.0	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.997	-6.0	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.520	3.0	100	0.00
94	T	Hexachlorobutadiene	50.000	47.042	5.9	98	0.00
95	T	Naphthalene	50.000	51.391	-2.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.566	4.9	99	0.00

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