Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011672.D
Acq On : 01 Dec 2022 18:59
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 02 03:24:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 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	60	0.00
2	T	Dichlorodifluoromethane	50.000	40.445	19.1	51	0.00
3	P	Chloromethane	50.000	44.982	10.0	53	0.00
4	C	Vinyl Chloride	50.000	36.847	26.3#	47	0.00
5	T	Bromomethane	50.000	44.582	10.8	54	0.00
6	T	Chloroethane	50.000	39.296	21.4	51	0.00
7	T	Trichlorofluoromethane	50.000	43.725	12.5	57	0.00
8	T	Diethyl Ether	50.000	55.125	-10.3	70	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.247	11.5	56	0.00
10	T	Methyl Iodide	50.000	52.358	-4.7	60	0.00
11	T	Tert butyl alcohol	250.000	282.261	-12.9	74	0.00
12	CM	1,1-Dichloroethene	50.000	47.312	5.4#	59	0.00
13	T	Acrolein	250.000	221.702	11.3	86	0.00
14	T	Allyl chloride	50.000	52.403	-4.8	63	0.00
15	T	Acrylonitrile	250.000	312.109	-24.8	79	0.00
16	T	Acetone	250.000	261.998	-4.8	66	0.00
17	T	Carbon Disulfide	50.000	44.434	11.1	55	0.00
18	T	Methyl Acetate	50.000	60.592	-21.2	78	-0.01
19	T	Methyl tert-butyl Ether	50.000	59.961	-19.9	73	0.00
20	T	Methylene Chloride	50.000	55.589	-11.2	63	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.948	-1.9	62	0.00
22	T	Diisopropyl ether	50.000	58.358	-16.7	68	0.00
23	T	Vinyl Acetate	250.000	302.086	-20.8	69	0.00
24	P	1,1-Dichloroethane	50.000	53.579	-7.2	67	0.00
25	T	2-Butanone	250.000	274.016	-9.6	69	0.00
26	T	2,2-Dichloropropane	50.000	49.219	1.6	61	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.006	-10.0	66	0.00
28	T	Bromochloromethane	50.000	58.218	-16.4	71	0.00
29	T	Tetrahydrofuran	250.000	300.323	-20.1	74	0.00
30	C	Chloroform	50.000	55.903	-11.8#	69	0.00
31	T	Cyclohexane	50.000	40.901	18.2	51	0.00
32	T	1,1,1-Trichloroethane	50.000	50.479	-1.0	63	0.00
33	S	1,2-Dichloroethane-d4	50.000	59.828	-19.7	82	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	63	0.00
35	S	Dibromofluoromethane	50.000	58.426	-16.9	80	0.00
36	T	1,1-Dichloropropene	50.000	46.075	7.8	58	0.00
37	T	Ethyl Acetate	50.000	56.885	-13.8	74	0.00
38	T	Carbon Tetrachloride	50.000	46.790	6.4	60	0.00
39	T	Methylcyclohexane	50.000	41.471	17.1	50	0.00
40	TM	Benzene	50.000	51.704	-3.4	65	0.00
41	T	Methacrylonitrile	50.000	60.484	-21.0	82	0.00
42	TM	1,2-Dichloroethane	50.000	54.734	-9.5	71	0.00
43	T	Isopropyl Acetate	50.000	55.787	-11.6	71	0.00
44	TM	Trichloroethene	50.000	48.866	2.3	63	0.00
45	C	1,2-Dichloropropane	50.000	53.825	-7.7#	68	0.00
46	T	Dibromomethane	50.000	55.949	-11.9	73	0.00
47	T	Bromodichloromethane	50.000	55.005	-10.0	70	0.00
48	T	Methyl methacrylate	50.000	57.044	-14.1	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1246.747	-24.7	80	0.00
50	S	Toluene-d8	50.000	53.577	-7.2	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	289.292	-15.7	73	0.00
52	CM	Toluene	50.000	51.660	-3.3#	64	0.00
53	T	t-1,3-Dichloropropene	50.000	55.476	-11.0	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.331	-10.7	70	0.00
55	T	1,1,2-Trichloroethane	50.000	57.192	-14.4	74	0.00
56	T	Ethyl methacrylate	50.000	58.780	-17.6	72	0.00
57	T	1,3-Dichloropropane	50.000	56.295	-12.6	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.210	-14.9	69	0.00
59	T	2-Hexanone	250.000	281.994	-12.8	70	0.00
60	T	Dibromochloromethane	50.000	57.415	-14.8	73	0.00
61	T	1,2-Dibromoethane	50.000	57.131	-14.3	73	0.00
62	S	4-Bromofluorobenzene	50.000	57.285	-14.6	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64	T	Tetrachloroethene	50.000	46.983	6.0	62	0.00
65	PM	Chlorobenzene	50.000	50.240	-0.5	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.194	-6.4	68	0.00
67	C	Ethyl Benzene	50.000	48.699	2.6#	62	0.00
68	T	m/p-Xylenes	100.000	99.142	0.9	62	0.00
69	T	o-Xylene	50.000	51.273	-2.5	64	0.00
70	T	Styrene	50.000	52.919	-5.8	66	0.00
71	P	Bromoform	50.000	54.709	-9.4	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73	T	Isopropylbenzene	50.000	47.964	4.1	61	0.00
74	T	N-amyl acetate	50.000	51.330	-2.7	67	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.922	-5.8	73	0.00
76	T	1,2,3-Trichloropropane	50.000	54.080	-8.2	67	0.00
77	T	Bromobenzene	50.000	50.272	-0.5	67	0.00
78	T	n-propylbenzene	50.000	47.400	5.2	60	0.00
79	T	2-Chlorotoluene	50.000	48.869	2.3	63	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.855	0.3	63	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.983	-2.0	70	0.00
82	T	4-Chlorotoluene	50.000	48.985	2.0	64	0.00
83	T	tert-Butylbenzene	50.000	47.827	4.3	60	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.231	-0.5	64	0.00
85	T	sec-Butylbenzene	50.000	46.643	6.7	59	0.00
86	T	p-Isopropyltoluene	50.000	47.715	4.6	60	0.00
87	T	1,3-Dichlorobenzene	50.000	48.757	2.5	65	0.00
88	T	1,4-Dichlorobenzene	50.000	47.685	4.6	64	0.00
89	T	n-Butylbenzene	50.000	46.584	6.8	58	0.00
90	T	Hexachloroethane	50.000	47.499	5.0	65	0.00
91	T	1,2-Dichlorobenzene	50.000	50.129	-0.3	67	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.855	-3.7	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.181	1.6	66	0.00
94	T	Hexachlorobutadiene	50.000	46.159	7.7	63	0.00
95	T	Naphthalene	50.000	47.080	5.8	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.599	0.8	67	0.00

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