Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015330.D
Acq On : 24 Aug 2023 22:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 03:28:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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	73	0.00
2	T	Dichlorodifluoromethane	50.000	45.041	9.9	66	0.00
3	P	Chloromethane	50.000	42.846	14.3	62	0.00
4	C	Vinyl Chloride	50.000	42.312	15.4#	65	0.00
5	T	Bromomethane	50.000	55.005	-10.0	76	0.00
6	T	Chloroethane	50.000	49.340	1.3	72	0.00
7	T	Trichlorofluoromethane	50.000	47.967	4.1	73	0.00
8	T	Diethyl Ether	50.000	51.899	-3.8	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.480	3.0	74	0.01
10	T	Methyl Iodide	50.000	47.499	5.0	65	0.00
11	T	Tert butyl alcohol	250.000	228.281	8.7	68	0.01
12	CM	1,1-Dichloroethene	50.000	47.397	5.2#	70	0.00
13	T	Acrolein	250.000	64.574	74.2#	34	0.00
14	T	Allyl chloride	50.000	46.784	6.4	69	0.00
15	T	Acrylonitrile	250.000	265.348	-6.1	78	0.00
16	T	Acetone	250.000	213.221	14.7	60	0.00
17	T	Carbon Disulfide	50.000	39.470	21.1	57	0.00
18	T	Methyl Acetate	50.000	51.223	-2.4	75	0.00
19	T	Methyl tert-butyl Ether	50.000	52.983	-6.0	78	0.01
20	T	Methylene Chloride	50.000	60.849	-21.7	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.891	4.2	71	0.00
22	T	Diisopropyl ether	50.000	51.554	-3.1	76	0.00
23	T	Vinyl Acetate	250.000	246.751	1.3	71	0.00
24	P	1,1-Dichloroethane	50.000	50.862	-1.7	75	0.00
25	T	2-Butanone	250.000	245.118	2.0	72	0.00
26	T	2,2-Dichloropropane	50.000	45.532	8.9	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.943	-3.9	77	0.00
28	T	Bromochloromethane	50.000	41.764	16.5	63	0.00
29	T	Tetrahydrofuran	250.000	253.634	-1.5	74	0.00
30	C	Chloroform	50.000	71.360	-42.7#	106	0.00
31	T	Cyclohexane	50.000	47.018	6.0	67	0.00
32	T	1,1,1-Trichloroethane	50.000	51.985	-4.0	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.320	-12.6	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	56.842	-13.7	82	0.00
36	T	1,1-Dichloropropene	50.000	47.795	4.4	72	0.00
37	T	Ethyl Acetate	50.000	49.657	0.7	76	0.00
38	T	Carbon Tetrachloride	50.000	49.269	1.5	74	0.00
39	T	Methylcyclohexane	50.000	45.821	8.4	69	0.00
40	TM	Benzene	50.000	49.694	0.6	74	0.00
41	T	Methacrylonitrile	50.000	51.408	-2.8	72	0.00
42	TM	1,2-Dichloroethane	50.000	52.460	-4.9	78	0.00
43	T	Isopropyl Acetate	50.000	50.484	-1.0	75	0.00
44	TM	Trichloroethene	50.000	50.900	-1.8	77	0.00
45	C	1,2-Dichloropropane	50.000	51.495	-3.0#	77	0.00
46	T	Dibromomethane	50.000	51.841	-3.7	76	0.00
47	T	Bromodichloromethane	50.000	65.272	-30.5#	96	0.00
48	T	Methyl methacrylate	50.000	52.992	-6.0	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	976.094	2.4	71	0.00
50	S	Toluene-d8	50.000	53.685	-7.4	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.524	-5.4	77	0.00
52	CM	Toluene	50.000	49.386	1.2#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	49.593	0.8	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.904	0.2	74	0.00
55	T	1,1,2-Trichloroethane	50.000	53.742	-7.5	81	0.00
56	T	Ethyl methacrylate	50.000	52.788	-5.6	77	0.00
57	T	1,3-Dichloropropane	50.000	52.588	-5.2	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	213.746	14.5	65	0.00
59	T	2-Hexanone	250.000	258.212	-3.3	75	0.00
60	T	Dibromochloromethane	50.000	59.789	-19.6	88	0.00
61	T	1,2-Dibromoethane	50.000	51.942	-3.9	77	0.00
62	S	4-Bromofluorobenzene	50.000	55.529	-11.1	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	54.817	-9.6	84	0.00
65	PM	Chlorobenzene	50.000	49.982	0.0	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.455	-4.9	80	0.00
67	C	Ethyl Benzene	50.000	48.982	2.0#	75	0.00
68	T	m/p-Xylenes	100.000	98.615	1.4	75	0.00
69	T	o-Xylene	50.000	50.059	-0.1	77	0.00
70	T	Styrene	50.000	51.159	-2.3	78	0.00
71	P	Bromoform	50.000	52.481	-5.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	49.438	1.1	78	0.00
74	T	N-amyl acetate	50.000	49.599	0.8	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.943	-1.9	78	0.00
76	T	1,2,3-Trichloropropane	50.000	55.225	-10.5	88	0.00
77	T	Bromobenzene	50.000	50.493	-1.0	80	0.00
78	T	n-propylbenzene	50.000	48.799	2.4	77	0.00
79	T	2-Chlorotoluene	50.000	49.025	2.0	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.422	1.2	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.079	9.8	68	0.00
82	T	4-Chlorotoluene	50.000	49.682	0.6	77	0.00
83	T	tert-Butylbenzene	50.000	49.375	1.3	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.167	1.7	76	0.00
85	T	sec-Butylbenzene	50.000	49.023	2.0	77	0.00
86	T	p-Isopropyltoluene	50.000	49.624	0.8	77	0.00
87	T	1,3-Dichlorobenzene	50.000	49.567	0.9	78	0.00
88	T	1,4-Dichlorobenzene	50.000	49.735	0.5	77	0.00
89	T	n-Butylbenzene	50.000	48.569	2.9	75	0.00
90	T	Hexachloroethane	50.000	48.135	3.7	76	0.00
91	T	1,2-Dichlorobenzene	50.000	50.923	-1.8	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.014	-2.0	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.565	-1.1	79	0.00
94	T	Hexachlorobutadiene	50.000	48.211	3.6	77	0.00
95	T	Naphthalene	50.000	91.845	-83.7#	145	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.961	-3.9	81	0.00

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