Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
Data File : VY012062.D
Acq On : 04 Jan 2023 09:42
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 05 01:03:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	52.527	-5.1	78	0.00
3	P	Chloromethane	50.000	44.043	11.9	67	0.00
4	C	Vinyl Chloride	50.000	46.480	7.0#	71	0.00
5	T	Bromomethane	50.000	47.862	4.3	77	0.00
6	T	Chloroethane	50.000	48.595	2.8	75	0.00
7	T	Trichlorofluoromethane	50.000	53.835	-7.7	84	0.00
8	T	Diethyl Ether	50.000	53.453	-6.9	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.024	-6.0	84	0.00
10	T	Methyl Iodide	50.000	49.309	1.4	72	0.00
11	T	Tert butyl alcohol	250.000	230.542	7.8	76	0.00
12	CM	1,1-Dichloroethene	50.000	50.462	-0.9#	79	0.00
13	T	Acrolein	250.000	200.326	19.9	71	0.00
14	T	Allyl chloride	50.000	47.634	4.7	74	0.00
15	T	Acrylonitrile	250.000	278.240	-11.3	86	0.00
16	T	Acetone	250.000	209.907	16.0	63	0.00
17	T	Carbon Disulfide	50.000	41.965	16.1	65	0.00
18	T	Methyl Acetate	50.000	50.747	-1.5	81	0.00
19	T	Methyl tert-butyl Ether	50.000	58.265	-16.5	89	0.00
20	T	Methylene Chloride	50.000	48.891	2.2	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.737	-1.5	78	0.00
22	T	Diisopropyl ether	50.000	52.716	-5.4	81	0.00
23	T	Vinyl Acetate	250.000	273.768	-9.5	81	0.00
24	P	1,1-Dichloroethane	50.000	51.670	-3.3	82	0.00
25	T	2-Butanone	250.000	245.464	1.8	71	0.00
26	T	2,2-Dichloropropane	50.000	53.547	-7.1	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.045	-6.1	83	0.00
28	T	Bromochloromethane	50.000	43.320	13.4	73	0.00
29	T	Tetrahydrofuran	250.000	267.772	-7.1	79	0.00
30	C	Chloroform	50.000	54.811	-9.6#	87	0.00
31	T	Cyclohexane	50.000	45.646	8.7	73	0.00
32	T	1,1,1-Trichloroethane	50.000	54.949	-9.9	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.393	5.2	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	49.629	0.7	76	0.00
36	T	1,1-Dichloropropene	50.000	53.205	-6.4	80	0.00
37	T	Ethyl Acetate	50.000	55.912	-11.8	85	0.00
38	T	Carbon Tetrachloride	50.000	57.682	-15.4	87	0.00
39	T	Methylcyclohexane	50.000	52.146	-4.3	76	0.00
40	TM	Benzene	50.000	53.114	-6.2	81	0.00
41	T	Methacrylonitrile	50.000	63.401	-26.8#	89	0.00
42	TM	1,2-Dichloroethane	50.000	57.890	-15.8	88	0.00
43	T	Isopropyl Acetate	50.000	56.145	-12.3	83	0.00
44	TM	Trichloroethene	50.000	54.606	-9.2	84	0.00
45	C	1,2-Dichloropropane	50.000	54.051	-8.1#	83	0.00
46	T	Dibromomethane	50.000	57.850	-15.7	87	0.00
47	T	Bromodichloromethane	50.000	58.174	-16.3	88	0.00
48	T	Methyl methacrylate	50.000	56.060	-12.1	83	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1246.312	-24.6	88	0.00
50	S	Toluene-d8	50.000	47.293	5.4	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.249	-16.1	84	0.00
52	CM	Toluene	50.000	56.446	-12.9#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	58.715	-17.4	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.762	-13.5	84	0.00
55	T	1,1,2-Trichloroethane	50.000	58.615	-17.2	90	0.00
56	T	Ethyl methacrylate	50.000	60.458	-20.9	87	0.00
57	T	1,3-Dichloropropane	50.000	57.614	-15.2	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.113	2.4	77	0.00
59	T	2-Hexanone	250.000	279.788	-11.9	77	0.00
60	T	Dibromochloromethane	50.000	62.021	-24.0	92	0.00
61	T	1,2-Dibromoethane	50.000	58.286	-16.6	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.820	-1.6	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	56.496	-13.0	88	0.00
65	PM	Chlorobenzene	50.000	55.156	-10.3	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.761	-15.5	90	0.00
67	C	Ethyl Benzene	50.000	55.369	-10.7#	85	0.00
68	T	m/p-Xylenes	100.000	112.497	-12.5	86	0.00
69	T	o-Xylene	50.000	56.915	-13.8	87	0.00
70	T	Styrene	50.000	57.973	-15.9	88	0.00
71	P	Bromoform	50.000	61.961	-23.9	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	54.711	-9.4	88	0.00
74	T	N-amyl acetate	50.000	55.420	-10.8	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.311	-8.6	90	0.00
76	T	1,2,3-Trichloropropane	50.000	44.459	11.1	73	0.00
77	T	Bromobenzene	50.000	55.550	-11.1	92	0.00
78	T	n-propylbenzene	50.000	53.460	-6.9	86	0.00
79	T	2-Chlorotoluene	50.000	53.401	-6.8	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.923	-9.8	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.091	-10.2	89	0.00
82	T	4-Chlorotoluene	50.000	53.708	-7.4	87	0.00
83	T	tert-Butylbenzene	50.000	56.160	-12.3	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.671	-11.3	89	0.00
85	T	sec-Butylbenzene	50.000	54.775	-9.5	89	0.00
86	T	p-Isopropyltoluene	50.000	57.097	-14.2	91	0.00
87	T	1,3-Dichlorobenzene	50.000	55.470	-10.9	92	0.00
88	T	1,4-Dichlorobenzene	50.000	55.296	-10.6	92	0.00
89	T	n-Butylbenzene	50.000	55.547	-11.1	89	0.00
90	T	Hexachloroethane	50.000	55.183	-10.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	56.794	-13.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.921	-19.8	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	61.543	-23.1	96	0.00
94	T	Hexachlorobutadiene	50.000	59.019	-18.0	97	0.00
95	T	Naphthalene	50.000	57.854	-15.7	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.543	-27.1#	99	0.00

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