Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013139.D
Acq On : 29 Mar 2023 18:55
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 29 23:34:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	45.096	9.8	77	0.00
3	P	Chloromethane	50.000	42.991	14.0	76	0.00
4	C	Vinyl Chloride	50.000	45.968	8.1#	77	0.00
5	T	Bromomethane	50.000	52.211	-4.4	88	0.00
6	T	Chloroethane	50.000	50.026	-0.1	82	0.00
7	T	Trichlorofluoromethane	50.000	49.812	0.4	84	0.00
8	T	Diethyl Ether	50.000	50.429	-0.9	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.675	4.7	80	0.00
10	T	Methyl Iodide	50.000	45.372	9.3	70	0.00
11	T	Tert butyl alcohol	250.000	277.196	-10.9	91	0.00
12	CM	1,1-Dichloroethene	50.000	46.018	8.0#	76	0.00
13	T	Acrolein	250.000	182.743	26.9#	61	0.00
14	T	Allyl chloride	50.000	47.458	5.1	77	0.00
15	T	Acrylonitrile	250.000	290.102	-16.0	94	0.00
16	T	Acetone	250.000	258.763	-3.5	78	0.00
17	T	Carbon Disulfide	50.000	42.144	15.7	70	0.00
18	T	Methyl Acetate	50.000	56.339	-12.7	91	0.00
19	T	Methyl tert-butyl Ether	50.000	55.628	-11.3	88	0.00
20	T	Methylene Chloride	50.000	58.913	-17.8	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.422	1.2	81	0.00
22	T	Diisopropyl ether	50.000	55.644	-11.3	89	0.00
23	T	Vinyl Acetate	250.000	281.985	-12.8	88	0.00
24	P	1,1-Dichloroethane	50.000	52.239	-4.5	85	0.00
25	T	2-Butanone	250.000	291.955	-16.8	91	0.00
26	T	2,2-Dichloropropane	50.000	49.671	0.7	83	-0.01
27	T	cis-1,2-Dichloroethene	50.000	53.219	-6.4	85	0.00
28	T	Bromochloromethane	50.000	53.728	-7.5	86	0.00
29	T	Tetrahydrofuran	250.000	300.452	-20.2	94	0.00
30	C	Chloroform	50.000	54.885	-9.8#	89	0.00
31	T	Cyclohexane	50.000	44.719	10.6	75	0.00
32	T	1,1,1-Trichloroethane	50.000	52.481	-5.0	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.115	-4.2	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	55.924	-11.8	92	0.00
36	T	1,1-Dichloropropene	50.000	49.029	1.9	81	0.00
37	T	Ethyl Acetate	50.000	56.417	-12.8	95	0.00
38	T	Carbon Tetrachloride	50.000	51.923	-3.8	85	0.00
39	T	Methylcyclohexane	50.000	48.095	3.8	76	0.00
40	TM	Benzene	50.000	51.767	-3.5	84	0.00
41	T	Methacrylonitrile	50.000	43.216	13.6	70	0.00
42	TM	1,2-Dichloroethane	50.000	56.490	-13.0	92	0.00
43	T	Isopropyl Acetate	50.000	56.711	-13.4	91	0.00
44	TM	Trichloroethene	50.000	51.753	-3.5	84	0.00
45	C	1,2-Dichloropropane	50.000	53.545	-7.1#	89	0.00
46	T	Dibromomethane	50.000	56.054	-12.1	90	0.00
47	T	Bromodichloromethane	50.000	55.587	-11.2	91	0.00
48	T	Methyl methacrylate	50.000	57.692	-15.4	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1309.608	-31.0#	104	0.00
50	S	Toluene-d8	50.000	45.072	9.9	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	307.968	-23.2	96	0.00
52	CM	Toluene	50.000	53.463	-6.9#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	55.575	-11.2	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.246	-8.5	87	0.00
55	T	1,1,2-Trichloroethane	50.000	56.062	-12.1	92	0.00
56	T	Ethyl methacrylate	50.000	58.502	-17.0	90	0.00
57	T	1,3-Dichloropropane	50.000	56.735	-13.5	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.153	-17.7	91	0.00
59	T	2-Hexanone	250.000	310.202	-24.1	95	0.00
60	T	Dibromochloromethane	50.000	57.142	-14.3	93	0.00
61	T	1,2-Dibromoethane	50.000	56.033	-12.1	91	0.00
62	S	4-Bromofluorobenzene	50.000	55.052	-10.1	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	51.311	-2.6	89	0.00
65	PM	Chlorobenzene	50.000	50.922	-1.8	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.727	-5.5	91	0.00
67	C	Ethyl Benzene	50.000	50.644	-1.3#	85	0.00
68	T	m/p-Xylenes	100.000	101.287	-1.3	85	0.00
69	T	o-Xylene	50.000	51.340	-2.7	87	0.00
70	T	Styrene	50.000	53.331	-6.7	88	0.00
71	P	Bromoform	50.000	56.037	-12.1	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	45.604	8.8	86	0.00
74	T	N-amyl acetate	50.000	49.714	0.6	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.205	1.6	95	0.00
76	T	1,2,3-Trichloropropane	50.000	49.784	0.4	96	0.00
77	T	Bromobenzene	50.000	47.403	5.2	91	0.00
78	T	n-propylbenzene	50.000	45.921	8.2	86	0.00
79	T	2-Chlorotoluene	50.000	46.802	6.4	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.405	5.2	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.947	4.1	90	0.00
82	T	4-Chlorotoluene	50.000	47.007	6.0	89	0.00
83	T	tert-Butylbenzene	50.000	47.591	4.8	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.724	4.6	89	0.00
85	T	sec-Butylbenzene	50.000	46.004	8.0	87	0.00
86	T	p-Isopropyltoluene	50.000	46.963	6.1	88	0.00
87	T	1,3-Dichlorobenzene	50.000	47.758	4.5	92	0.00
88	T	1,4-Dichlorobenzene	50.000	47.394	5.2	92	0.00
89	T	n-Butylbenzene	50.000	46.036	7.9	86	0.00
90	T	Hexachloroethane	50.000	46.797	6.4	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.493	1.0	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.720	-7.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.803	2.4	92	0.00
94	T	Hexachlorobutadiene	50.000	47.087	5.8	93	0.00
95	T	Naphthalene	50.000	54.509	-9.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.567	-1.1	96	0.00

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