Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014551.D
Acq On : 03 Jul 2023 21:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 03:07:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	44.325	11.3	86	0.00
3	P	Chloromethane	50.000	41.966	16.1	84	0.00
4	C	Vinyl Chloride	50.000	44.847	10.3#	89	0.00
5	T	Bromomethane	50.000	49.148	1.7	103	-0.02
6	T	Chloroethane	50.000	45.453	9.1	89	-0.01
7	T	Trichlorofluoromethane	50.000	46.779	6.4	93	-0.02
8	T	Diethyl Ether	50.000	46.865	6.3	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.026	7.9	92	-0.02
10	T	Methyl Iodide	50.000	39.514	21.0	71	-0.01
11	T	Tert butyl alcohol	250.000	270.927	-8.4	104	-0.02
12	CM	1,1-Dichloroethene	50.000	46.523	7.0#	89	-0.01
13	T	Acrolein	250.000	188.268	24.7	72	0.00
14	T	Allyl chloride	50.000	43.468	13.1	82	-0.01
15	T	Acrylonitrile	250.000	236.501	5.4	87	-0.01
16	T	Acetone	250.000	203.456	18.6	77	-0.01
17	T	Carbon Disulfide	50.000	44.909	10.2	86	-0.01
18	T	Methyl Acetate	50.000	46.311	7.4	89	0.00
19	T	Methyl tert-butyl Ether	50.000	48.706	2.6	90	0.00
20	T	Methylene Chloride	50.000	53.989	-8.0	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.487	5.0	90	-0.01
22	T	Diisopropyl ether	50.000	46.296	7.4	84	0.00
23	T	Vinyl Acetate	250.000	234.055	6.4	82	0.00
24	P	1,1-Dichloroethane	50.000	45.916	8.2	88	0.00
25	T	2-Butanone	250.000	228.026	8.8	82	-0.01
26	T	2,2-Dichloropropane	50.000	39.929	20.1	79	-0.01
27	T	cis-1,2-Dichloroethene	50.000	48.266	3.5	91	0.00
28	T	Bromochloromethane	50.000	45.891	8.2	87	0.00
29	T	Tetrahydrofuran	250.000	240.871	3.7	85	0.00
30	C	Chloroform	50.000	47.203	5.6#	91	0.00
31	T	Cyclohexane	50.000	43.402	13.2	86	0.00
32	T	1,1,1-Trichloroethane	50.000	46.427	7.1	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.314	1.4	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	53.091	-6.2	98	0.00
36	T	1,1-Dichloropropene	50.000	46.934	6.1	88	0.00
37	T	Ethyl Acetate	50.000	46.255	7.5	84	0.00
38	T	Carbon Tetrachloride	50.000	47.507	5.0	91	0.00
39	T	Methylcyclohexane	50.000	48.594	2.8	90	0.00
40	TM	Benzene	50.000	47.399	5.2	89	0.00
41	T	Methacrylonitrile	50.000	45.323	9.4	83	0.00
42	TM	1,2-Dichloroethane	50.000	46.663	6.7	87	0.00
43	T	Isopropyl Acetate	50.000	47.352	5.3	85	0.00
44	TM	Trichloroethene	50.000	48.764	2.5	93	0.00
45	C	1,2-Dichloropropane	50.000	46.677	6.6#	88	0.00
46	T	Dibromomethane	50.000	48.898	2.2	91	0.00
47	T	Bromodichloromethane	50.000	48.326	3.3	91	0.00
48	T	Methyl methacrylate	50.000	47.477	5.0	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1080.937	-8.1	91	-0.02
50	S	Toluene-d8	50.000	51.586	-3.2	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.045	4.0	85	0.00
52	CM	Toluene	50.000	48.553	2.9#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	47.151	5.7	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.066	5.9	87	0.00
55	T	1,1,2-Trichloroethane	50.000	49.295	1.4	91	0.00
56	T	Ethyl methacrylate	50.000	50.422	-0.8	89	0.00
57	T	1,3-Dichloropropane	50.000	48.170	3.7	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.678	-1.1	88	0.00
59	T	2-Hexanone	250.000	242.397	3.0	84	0.00
60	T	Dibromochloromethane	50.000	49.645	0.7	92	0.00
61	T	1,2-Dibromoethane	50.000	49.772	0.5	91	0.00
62	S	4-Bromofluorobenzene	50.000	52.720	-5.4	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	49.857	0.3	96	0.00
65	PM	Chlorobenzene	50.000	48.495	3.0	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.974	2.1	92	0.00
67	C	Ethyl Benzene	50.000	48.766	2.5#	91	0.00
68	T	m/p-Xylenes	100.000	97.849	2.2	90	0.00
69	T	o-Xylene	50.000	49.457	1.1	91	0.00
70	T	Styrene	50.000	50.047	-0.1	90	0.00
71	P	Bromoform	50.000	50.350	-0.7	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	49.687	0.6	91	0.00
74	T	N-amyl acetate	50.000	46.930	6.1	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.432	3.1	89	0.00
76	T	1,2,3-Trichloropropane	50.000	48.792	2.4	91	0.00
77	T	Bromobenzene	50.000	49.835	0.3	93	0.00
78	T	n-propylbenzene	50.000	48.886	2.2	90	0.00
79	T	2-Chlorotoluene	50.000	48.717	2.6	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.842	0.3	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.671	8.7	84	0.00
82	T	4-Chlorotoluene	50.000	48.350	3.3	90	0.00
83	T	tert-Butylbenzene	50.000	50.004	-0.0	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.745	0.5	90	0.00
85	T	sec-Butylbenzene	50.000	49.394	1.2	92	0.00
86	T	p-Isopropyltoluene	50.000	50.332	-0.7	92	0.00
87	T	1,3-Dichlorobenzene	50.000	48.959	2.1	92	0.00
88	T	1,4-Dichlorobenzene	50.000	48.327	3.3	92	0.00
89	T	n-Butylbenzene	50.000	49.414	1.2	92	0.00
90	T	Hexachloroethane	50.000	47.870	4.3	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.580	0.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.390	3.2	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.584	-1.2	93	0.00
94	T	Hexachlorobutadiene	50.000	51.623	-3.2	99	0.00
95	T	Naphthalene	50.000	52.193	-4.4	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.361	-2.7	94	0.00

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