Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014372.D
Acq On : 22 Jun 2023 09:14
Operator : KP/MD
Sample : VSTDCCC050
Misc : 12.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 22 09:26:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 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	85	0.01
2	T	Dichlorodifluoromethane	50.000	39.390	21.2	69	0.00
3	P	Chloromethane	50.000	36.386	27.2#	65	0.00
4	C	Vinyl Chloride	50.000	38.938	22.1#	68	0.00
5	T	Bromomethane	50.000	39.007	22.0	76	-0.01
6	T	Chloroethane	50.000	39.050	21.9	72	0.00
7	T	Trichlorofluoromethane	50.000	45.998	8.0	80	0.00
8	T	Diethyl Ether	50.000	44.221	11.6	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.509	9.0	77	0.00
10	T	Methyl Iodide	50.000	36.544	26.9#	61	0.00
11	T	Tert butyl alcohol	250.000	242.702	2.9	90	0.00
12	CM	1,1-Dichloroethene	50.000	42.850	14.3#	75	0.00
13	T	Acrolein	250.000	0.000	100.0#	0	-3.73#
14	T	Allyl chloride	50.000	41.019	18.0	71	0.00
15	T	Acrylonitrile	250.000	246.132	1.5	87	0.01
16	T	Acetone	250.000	191.987	23.2	77	0.00
17	T	Carbon Disulfide	50.000	40.240	19.5	71	0.00
18	T	Methyl Acetate	50.000	64.070	-28.1#	120	0.00
19	T	Methyl tert-butyl Ether	50.000	47.018	6.0	79	0.01
20	T	Methylene Chloride	50.000	62.453	-24.9	104	0.01
21	T	trans-1,2-Dichloroethene	50.000	45.477	9.0	77	0.01
22	T	Diisopropyl ether	50.000	45.898	8.2	78	0.01
23	T	Vinyl Acetate	250.000	191.104	23.6	65	0.01
24	P	1,1-Dichloroethane	50.000	45.362	9.3	79	0.02
25	T	2-Butanone	250.000	248.257	0.7	94	0.00
26	T	2,2-Dichloropropane	50.000	38.923	22.2	68	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.489	5.0	84	0.02
28	T	Bromochloromethane	50.000	43.984	12.0	81	0.01
29	T	Tetrahydrofuran	250.000	255.881	-2.4	94	0.01
30	C	Chloroform	50.000	48.342	3.3#	84	0.00
31	T	Cyclohexane	50.000	44.260	11.5	78	0.00
32	T	1,1,1-Trichloroethane	50.000	48.471	3.1	84	0.01
33	S	1,2-Dichloroethane-d4	50.000	50.561	-1.1	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	54.961	-9.9	98	0.01
36	T	1,1-Dichloropropene	50.000	47.538	4.9	82	0.00
37	T	Ethyl Acetate	50.000	43.600	12.8	77	0.01
38	T	Carbon Tetrachloride	50.000	49.882	0.2	85	0.01
39	T	Methylcyclohexane	50.000	46.449	7.1	77	0.00
40	TM	Benzene	50.000	47.186	5.6	82	0.00
41	T	Methacrylonitrile	50.000	40.670	18.7	81	0.01
42	TM	1,2-Dichloroethane	50.000	47.634	4.7	84	0.00
43	T	Isopropyl Acetate	50.000	46.014	8.0	81	0.00
44	TM	Trichloroethene	50.000	48.303	3.4	83	0.00
45	C	1,2-Dichloropropane	50.000	46.006	8.0#	80	0.01
46	T	Dibromomethane	50.000	47.716	4.6	85	0.00
47	T	Bromodichloromethane	50.000	48.724	2.6	84	0.00
48	T	Methyl methacrylate	50.000	49.573	0.9	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1091.037	-9.1	94	-0.02
50	S	Toluene-d8	50.000	50.314	-0.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.691	-2.7	91	0.00
52	CM	Toluene	50.000	48.982	2.0#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	45.688	8.6	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.493	11.0	78	0.00
55	T	1,1,2-Trichloroethane	50.000	49.360	1.3	86	0.00
56	T	Ethyl methacrylate	50.000	50.106	-0.2	84	0.00
57	T	1,3-Dichloropropane	50.000	48.101	3.8	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	414.787	-65.9#	155	0.00
59	T	2-Hexanone	250.000	248.668	0.5	89	0.00
60	T	Dibromochloromethane	50.000	50.387	-0.8	88	0.00
61	T	1,2-Dibromoethane	50.000	48.737	2.5	86	0.00
62	S	4-Bromofluorobenzene	50.000	58.989	-18.0	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	57.516	-15.0	105	0.00
65	PM	Chlorobenzene	50.000	46.844	6.3	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.875	4.3	86	0.00
67	C	Ethyl Benzene	50.000	48.288	3.4#	86	0.00
68	T	m/p-Xylenes	100.000	96.406	3.6	86	0.00
69	T	o-Xylene	50.000	49.124	1.8	87	0.00
70	T	Styrene	50.000	49.456	1.1	88	0.00
71	P	Bromoform	50.000	50.048	-0.1	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	46.569	6.9	87	0.00
74	T	N-amyl acetate	50.000	37.331	25.3#	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.720	10.6	89	0.00
76	T	1,2,3-Trichloropropane	50.000	44.567	10.9	83	0.00
77	T	Bromobenzene	50.000	45.064	9.9	87	0.00
78	T	n-propylbenzene	50.000	46.763	6.5	88	0.00
79	T	2-Chlorotoluene	50.000	46.615	6.8	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.249	5.5	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.759	20.5	76	0.00
82	T	4-Chlorotoluene	50.000	45.725	8.5	88	0.00
83	T	tert-Butylbenzene	50.000	47.014	6.0	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.035	3.9	91	0.00
85	T	sec-Butylbenzene	50.000	47.220	5.6	88	0.00
86	T	p-Isopropyltoluene	50.000	46.043	7.9	86	0.00
87	T	1,3-Dichlorobenzene	50.000	45.676	8.6	89	0.00
88	T	1,4-Dichlorobenzene	50.000	45.185	9.6	89	0.00
89	T	n-Butylbenzene	50.000	45.780	8.4	86	0.00
90	T	Hexachloroethane	50.000	47.745	4.5	93	0.00
91	T	1,2-Dichlorobenzene	50.000	46.598	6.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.317	3.4	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.797	12.4	86	0.00
94	T	Hexachlorobutadiene	50.000	45.810	8.4	88	0.00
95	T	Naphthalene	50.000	47.219	5.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.967	10.1	91	0.00

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