Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
Data File : VY017525.D
Acq On : 28 Feb 2024 17:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 23:15:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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	84	0.00
2	T	Dichlorodifluoromethane	50.000	40.436	19.1	70	0.00
3	P	Chloromethane	50.000	40.493	19.0	69	0.00
4	C	Vinyl Chloride	50.000	41.154	17.7#	69	0.00
5	T	Bromomethane	50.000	42.970	14.1	75	0.00
6	T	Chloroethane	50.000	41.834	16.3	69	0.00
7	T	Trichlorofluoromethane	50.000	51.316	-2.6	86	-0.01
8	T	Diethyl Ether	50.000	48.184	3.6	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.698	8.6	75	0.00
10	T	Methyl Iodide	50.000	45.640	8.7	70	0.00
11	T	Tert butyl alcohol	250.000	111.186	55.5#	41	0.05
12	CM	1,1-Dichloroethene	50.000	46.324	7.4#	76	0.00
13	T	Acrolein	250.000	207.721	16.9	69	0.00
14	T	Allyl chloride	50.000	44.278	11.4	70	0.00
15	T	Acrylonitrile	250.000	198.958	20.4	62	0.00
16	T	Acetone	250.000	183.554	26.6#	59	0.02
17	T	Carbon Disulfide	50.000	44.259	11.5	72	0.00
18	T	Methyl Acetate	50.000	42.275	15.5	64	0.00
19	T	Methyl tert-butyl Ether	50.000	44.902	10.2	69	0.00
20	T	Methylene Chloride	50.000	47.164	5.7	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.489	9.0	73	0.00
22	T	Diisopropyl ether	50.000	47.689	4.6	74	0.00
23	T	Vinyl Acetate	250.000	227.024	9.2	69	0.00
24	P	1,1-Dichloroethane	50.000	45.793	8.4	74	0.00
25	T	2-Butanone	250.000	180.577	27.8#	56	0.00
26	T	2,2-Dichloropropane	50.000	44.708	10.6	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.638	6.7	74	0.00
28	T	Bromochloromethane	50.000	60.034	-20.1	116	0.00
29	T	Tetrahydrofuran	250.000	200.799	19.7	60	0.00
30	C	Chloroform	50.000	47.198	5.6#	77	0.00
31	T	Cyclohexane	50.000	43.364	13.3	72	0.00
32	T	1,1,1-Trichloroethane	50.000	46.408	7.2	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.874	10.3	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	47.632	4.7	79	0.00
36	T	1,1-Dichloropropene	50.000	47.452	5.1	75	0.00
37	T	Ethyl Acetate	50.000	51.830	-3.7	80	0.00
38	T	Carbon Tetrachloride	50.000	48.046	3.9	75	0.00
39	T	Methylcyclohexane	50.000	45.922	8.2	70	0.00
40	TM	Benzene	50.000	48.173	3.7	75	0.00
41	T	Methacrylonitrile	50.000	45.997	8.0	67	-0.02
42	TM	1,2-Dichloroethane	50.000	47.278	5.4	73	0.00
43	T	Isopropyl Acetate	50.000	44.470	11.1	66	0.00
44	TM	Trichloroethene	50.000	47.359	5.3	75	0.00
45	C	1,2-Dichloropropane	50.000	48.230	3.5#	75	0.00
46	T	Dibromomethane	50.000	48.491	3.0	75	0.00
47	T	Bromodichloromethane	50.000	48.931	2.1	75	0.00
48	T	Methyl methacrylate	50.000	43.101	13.8	63	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	738.236	26.2#	55	0.03
50	S	Toluene-d8	50.000	51.211	-2.4	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	223.964	10.4	67	0.00
52	CM	Toluene	50.000	48.231	3.5#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	48.023	4.0	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.685	4.6	73	0.00
55	T	1,1,2-Trichloroethane	50.000	47.971	4.1	75	0.00
56	T	Ethyl methacrylate	50.000	44.637	10.7	69	0.00
57	T	1,3-Dichloropropane	50.000	47.919	4.2	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.886	-18.0	104	0.00
59	T	2-Hexanone	250.000	227.937	8.8	65	0.00
60	T	Dibromochloromethane	50.000	49.851	0.3	76	0.00
61	T	1,2-Dibromoethane	50.000	48.354	3.3	74	0.00
62	S	4-Bromofluorobenzene	50.000	50.750	-1.5	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	45.583	8.8	73	0.00
65	PM	Chlorobenzene	50.000	48.248	3.5	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.886	2.2	77	0.00
67	C	Ethyl Benzene	50.000	48.460	3.1#	74	0.00
68	T	m/p-Xylenes	100.000	98.413	1.6	75	0.00
69	T	o-Xylene	50.000	49.584	0.8	74	0.00
70	T	Styrene	50.000	49.639	0.7	74	0.00
71	P	Bromoform	50.000	49.539	0.9	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	46.958	6.1	74	0.00
74	T	N-amyl acetate	50.000	45.176	9.6	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.764	2.5	77	0.00
76	T	1,2,3-Trichloropropane	50.000	42.779	14.4	70	0.00
77	T	Bromobenzene	50.000	46.453	7.1	75	0.00
78	T	n-propylbenzene	50.000	46.993	6.0	74	0.00
79	T	2-Chlorotoluene	50.000	46.225	7.5	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.629	4.7	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.401	7.2	73	0.00
82	T	4-Chlorotoluene	50.000	46.775	6.5	75	0.00
83	T	tert-Butylbenzene	50.000	48.313	3.4	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.693	4.6	75	0.00
85	T	sec-Butylbenzene	50.000	46.770	6.5	73	0.00
86	T	p-Isopropyltoluene	50.000	47.549	4.9	73	0.00
87	T	1,3-Dichlorobenzene	50.000	47.144	5.7	76	0.00
88	T	1,4-Dichlorobenzene	50.000	46.830	6.3	75	0.00
89	T	n-Butylbenzene	50.000	46.598	6.8	71	0.00
90	T	Hexachloroethane	50.000	46.913	6.2	76	0.00
91	T	1,2-Dichlorobenzene	50.000	47.955	4.1	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.298	11.4	72	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.144	-0.3	76	0.00
94	T	Hexachlorobutadiene	50.000	47.212	5.6	77	0.00
95	T	Naphthalene	50.000	45.277	9.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.728	-1.5	77	0.00

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