Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
Data File : VY018282.D
Acq On : 16 May 2024 11:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 17 01:13:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	48.852	2.3	73	0.00
3	P	Chloromethane	50.000	51.102	-2.2	74	0.00
4	C	Vinyl Chloride	50.000	51.883	-3.8#	74	0.00
5	T	Bromomethane	50.000	47.880	4.2	72	0.00
6	T	Chloroethane	50.000	53.233	-6.5	77	0.00
7	T	Trichlorofluoromethane	50.000	49.311	1.4	73	0.00
8	T	Diethyl Ether	50.000	45.268	9.5	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.491	5.0	70	0.00
10	T	Methyl Iodide	50.000	46.337	7.3	62	0.00
11	T	Tert butyl alcohol	250.000	266.920	-6.8	83	-0.01
12	CM	1,1-Dichloroethene	50.000	48.325	3.3#	70	0.00
13	T	Acrolein	250.000	209.632	16.1	78	0.00
14	T	Allyl chloride	50.000	49.422	1.2	72	0.00
15	T	Acrylonitrile	250.000	246.227	1.5	77	0.00
16	T	Acetone	250.000	286.916	-14.8	88	0.00
17	T	Carbon Disulfide	50.000	47.573	4.9	64	0.00
18	T	Methyl Acetate	50.000	45.249	9.5	75	0.00
19	T	Methyl tert-butyl Ether	50.000	47.599	4.8	74	0.00
20	T	Methylene Chloride	50.000	47.956	4.1	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.991	4.0	69	0.00
22	T	Diisopropyl ether	50.000	47.947	4.1	72	0.00
23	T	Vinyl Acetate	250.000	244.398	2.2	75	0.00
24	P	1,1-Dichloroethane	50.000	48.421	3.2	71	0.00
25	T	2-Butanone	250.000	257.233	-2.9	81	0.00
26	T	2,2-Dichloropropane	50.000	49.811	0.4	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.089	5.8	69	0.00
28	T	Bromochloromethane	50.000	49.030	1.9	78	0.00
29	T	Tetrahydrofuran	250.000	236.896	5.2	77	0.00
30	C	Chloroform	50.000	47.937	4.1#	71	0.00
31	T	Cyclohexane	50.000	48.140	3.7	68	0.00
32	T	1,1,1-Trichloroethane	50.000	49.559	0.9	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.070	-10.1	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	53.649	-7.3	97	0.00
36	T	1,1-Dichloropropene	50.000	48.098	3.8	70	0.00
37	T	Ethyl Acetate	50.000	50.008	-0.0	77	0.00
38	T	Carbon Tetrachloride	50.000	49.446	1.1	72	0.00
39	T	Methylcyclohexane	50.000	46.872	6.3	66	0.00
40	TM	Benzene	50.000	47.996	4.0	70	0.00
41	T	Methacrylonitrile	50.000	44.810	10.4	65	-0.01
42	TM	1,2-Dichloroethane	50.000	49.410	1.2	75	0.00
43	T	Isopropyl Acetate	50.000	49.053	1.9	78	0.00
44	TM	Trichloroethene	50.000	47.537	4.9	69	0.00
45	C	1,2-Dichloropropane	50.000	47.132	5.7#	69	0.00
46	T	Dibromomethane	50.000	48.058	3.9	74	0.00
47	T	Bromodichloromethane	50.000	48.447	3.1	72	0.00
48	T	Methyl methacrylate	50.000	49.235	1.5	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	862.829	13.7	68	0.00
50	S	Toluene-d8	50.000	53.318	-6.6	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.035	1.6	78	0.00
52	CM	Toluene	50.000	47.193	5.6#	69	0.00
53	T	t-1,3-Dichloropropene	50.000	47.839	4.3	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.800	4.4	72	0.00
55	T	1,1,2-Trichloroethane	50.000	47.325	5.3	73	0.00
56	T	Ethyl methacrylate	50.000	46.471	7.1	71	0.00
57	T	1,3-Dichloropropane	50.000	48.712	2.6	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.769	3.7	86	0.00
59	T	2-Hexanone	250.000	255.994	-2.4	79	0.00
60	T	Dibromochloromethane	50.000	47.639	4.7	72	0.00
61	T	1,2-Dibromoethane	50.000	46.906	6.2	73	0.00
62	S	4-Bromofluorobenzene	50.000	51.015	-2.0	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	50.325	-0.7	74	0.00
65	PM	Chlorobenzene	50.000	46.343	7.3	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.303	7.4	71	0.00
67	C	Ethyl Benzene	50.000	47.527	4.9#	71	0.00
68	T	m/p-Xylenes	100.000	94.463	5.5	70	0.00
69	T	o-Xylene	50.000	46.976	6.0	71	0.00
70	T	Styrene	50.000	46.409	7.2	69	0.00
71	P	Bromoform	50.000	43.569	12.9	67	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	47.219	5.6	71	0.00
74	T	N-amyl acetate	50.000	47.682	4.6	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.677	10.6	71	0.00
76	T	1,2,3-Trichloropropane	50.000	48.290	3.4	78	0.00
77	T	Bromobenzene	50.000	45.467	9.1	68	0.00
78	T	n-propylbenzene	50.000	47.514	5.0	70	0.00
79	T	2-Chlorotoluene	50.000	45.954	8.1	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.753	6.5	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.346	7.3	71	0.00
82	T	4-Chlorotoluene	50.000	45.558	8.9	69	0.00
83	T	tert-Butylbenzene	50.000	47.308	5.4	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.409	5.2	71	0.00
85	T	sec-Butylbenzene	50.000	46.900	6.2	70	0.00
86	T	p-Isopropyltoluene	50.000	47.052	5.9	70	0.00
87	T	1,3-Dichlorobenzene	50.000	46.049	7.9	70	0.00
88	T	1,4-Dichlorobenzene	50.000	46.520	7.0	70	0.00
89	T	n-Butylbenzene	50.000	47.343	5.3	70	0.00
90	T	Hexachloroethane	50.000	45.245	9.5	68	0.00
91	T	1,2-Dichlorobenzene	50.000	46.902	6.2	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.612	6.8	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.761	6.5	71	0.00
94	T	Hexachlorobutadiene	50.000	44.154	11.7	64	0.00
95	T	Naphthalene	50.000	47.224	5.6	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.343	5.3	72	0.00

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