Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
Data File : VY018322.D
Acq On : 20 May 2024 09:50
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 21 01:19:29 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	44.950	10.1	69	0.00
3	P	Chloromethane	50.000	47.917	4.2	70	0.00
4	C	Vinyl Chloride	50.000	49.013	2.0#	71	0.00
5	T	Bromomethane	50.000	43.845	12.3	67	0.00
6	T	Chloroethane	50.000	48.670	2.7	72	0.00
7	T	Trichlorofluoromethane	50.000	46.917	6.2	70	0.00
8	T	Diethyl Ether	50.000	46.791	6.4	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.763	6.5	70	0.00
10	T	Methyl Iodide	50.000	44.862	10.3	61	0.00
11	T	Tert butyl alcohol	250.000	241.418	3.4	77	0.00
12	CM	1,1-Dichloroethene	50.000	46.296	7.4#	68	0.00
13	T	Acrolein	250.000	201.079	19.6	76	0.00
14	T	Allyl chloride	50.000	51.105	-2.2	76	0.00
15	T	Acrylonitrile	250.000	251.670	-0.7	80	0.00
16	T	Acetone	250.000	290.838	-16.3	91	0.00
17	T	Carbon Disulfide	50.000	45.682	8.6	63	0.00
18	T	Methyl Acetate	50.000	49.438	1.1	84	0.00
19	T	Methyl tert-butyl Ether	50.000	48.924	2.2	77	0.00
20	T	Methylene Chloride	50.000	46.818	6.4	75	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.688	6.6	68	0.00
22	T	Diisopropyl ether	50.000	46.506	7.0	71	0.00
23	T	Vinyl Acetate	250.000	237.958	4.8	74	0.00
24	P	1,1-Dichloroethane	50.000	49.917	0.2	75	0.00
25	T	2-Butanone	250.000	250.264	-0.1	80	0.00
26	T	2,2-Dichloropropane	50.000	46.964	6.1	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.535	8.9	67	0.00
28	T	Bromochloromethane	50.000	42.643	14.7	69	0.00
29	T	Tetrahydrofuran	250.000	226.838	9.3	75	0.00
30	C	Chloroform	50.000	46.841	6.3#	71	0.00
31	T	Cyclohexane	50.000	46.583	6.8	67	0.00
32	T	1,1,1-Trichloroethane	50.000	47.274	5.5	71	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.810	6.4	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	45.112	9.8	86	0.00
36	T	1,1-Dichloropropene	50.000	44.733	10.5	69	0.00
37	T	Ethyl Acetate	50.000	45.147	9.7	74	0.00
38	T	Carbon Tetrachloride	50.000	45.053	9.9	69	0.00
39	T	Methylcyclohexane	50.000	43.726	12.5	65	0.00
40	TM	Benzene	50.000	44.199	11.6	68	0.00
41	T	Methacrylonitrile	50.000	48.063	3.9	74	-0.02
42	TM	1,2-Dichloroethane	50.000	45.755	8.5	74	0.00
43	T	Isopropyl Acetate	50.000	44.520	11.0	75	0.00
44	TM	Trichloroethene	50.000	43.676	12.6	67	0.00
45	C	1,2-Dichloropropane	50.000	44.838	10.3#	69	0.00
46	T	Dibromomethane	50.000	44.991	10.0	73	0.00
47	T	Bromodichloromethane	50.000	44.577	10.8	70	0.00
48	T	Methyl methacrylate	50.000	44.889	10.2	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	803.562	19.6	67	0.00
50	S	Toluene-d8	50.000	44.258	11.5	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	225.593	9.8	75	0.00
52	CM	Toluene	50.000	43.498	13.0#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	45.151	9.7	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.089	9.8	72	0.00
55	T	1,1,2-Trichloroethane	50.000	43.513	13.0	71	0.00
56	T	Ethyl methacrylate	50.000	42.637	14.7	69	0.00
57	T	1,3-Dichloropropane	50.000	43.477	13.0	70	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	209.432	16.2	79	0.00
59	T	2-Hexanone	250.000	234.780	6.1	76	0.00
60	T	Dibromochloromethane	50.000	43.863	12.3	70	0.00
61	T	1,2-Dibromoethane	50.000	43.170	13.7	71	0.00
62	S	4-Bromofluorobenzene	50.000	40.999	18.0	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	46.010	8.0	69	0.00
65	PM	Chlorobenzene	50.000	44.157	11.7	67	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.993	10.0	70	0.00
67	C	Ethyl Benzene	50.000	44.712	10.6#	68	0.00
68	T	m/p-Xylenes	100.000	89.201	10.8	68	0.00
69	T	o-Xylene	50.000	44.105	11.8	68	0.00
70	T	Styrene	50.000	44.237	11.5	68	0.00
71	P	Bromoform	50.000	43.404	13.2	69	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	45.596	8.8	69	0.00
74	T	N-amyl acetate	50.000	44.257	11.5	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.978	12.0	70	0.00
76	T	1,2,3-Trichloropropane	50.000	46.130	7.7	75	0.00
77	T	Bromobenzene	50.000	44.745	10.5	67	0.00
78	T	n-propylbenzene	50.000	45.557	8.9	68	0.00
79	T	2-Chlorotoluene	50.000	44.168	11.7	68	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.979	10.0	68	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.551	12.9	67	0.00
82	T	4-Chlorotoluene	50.000	44.633	10.7	68	0.00
83	T	tert-Butylbenzene	50.000	45.434	9.1	68	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.960	10.1	68	0.00
85	T	sec-Butylbenzene	50.000	45.598	8.8	68	0.00
86	T	p-Isopropyltoluene	50.000	45.171	9.7	67	0.00
87	T	1,3-Dichlorobenzene	50.000	44.406	11.2	68	0.00
88	T	1,4-Dichlorobenzene	50.000	44.803	10.4	68	0.00
89	T	n-Butylbenzene	50.000	45.423	9.2	68	0.00
90	T	Hexachloroethane	50.000	43.955	12.1	66	0.00
91	T	1,2-Dichlorobenzene	50.000	44.041	11.9	67	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.501	15.0	72	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.245	13.5	66	0.00
94	T	Hexachlorobutadiene	50.000	42.117	15.8	61	0.00
95	T	Naphthalene	50.000	42.018	16.0	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.911	14.2	66	0.00

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