Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
Data File : VY018361.D
Acq On : 23 May 2024 16:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 24 01:17:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	39.868	20.3	62	0.00
3	P	Chloromethane	50.000	58.571	-17.1	91	0.00
4	C	Vinyl Chloride	50.000	61.717	-23.4#	90	0.00
5	T	Bromomethane	50.000	59.146	-18.3	95	0.00
6	T	Chloroethane	50.000	61.833	-23.7	93	0.00
7	T	Trichlorofluoromethane	50.000	53.238	-6.5	81	0.00
8	T	Diethyl Ether	50.000	57.154	-14.3	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.903	4.2	73	0.00
10	T	Methyl Iodide	50.000	57.157	-14.3	81	0.00
11	T	Tert butyl alcohol	250.000	339.787	-35.9#	89	0.00
12	CM	1,1-Dichloroethene	50.000	52.070	-4.1#	77	0.00
13	T	Acrolein	250.000	261.155	-4.5	77	0.00
14	T	Allyl chloride	50.000	56.902	-13.8	84	0.00
15	T	Acrylonitrile	250.000	314.347	-25.7#	91	0.00
16	T	Acetone	250.000	259.530	-3.8	75	0.00
17	T	Carbon Disulfide	50.000	57.627	-15.3	78	0.00
18	T	Methyl Acetate	50.000	70.170	-40.3#	106	0.00
19	T	Methyl tert-butyl Ether	50.000	61.754	-23.5	90	0.00
20	T	Methylene Chloride	50.000	62.286	-24.6	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.404	-14.8	84	0.00
22	T	Diisopropyl ether	50.000	64.131	-28.3#	92	0.00
23	T	Vinyl Acetate	250.000	313.702	-25.5#	88	0.00
24	P	1,1-Dichloroethane	50.000	60.299	-20.6	87	0.00
25	T	2-Butanone	250.000	295.954	-18.4	85	0.00
26	T	2,2-Dichloropropane	50.000	49.740	0.5	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.745	-17.5	85	0.00
28	T	Bromochloromethane	50.000	70.080	-40.2#	104	0.00
29	T	Tetrahydrofuran	250.000	330.677	-32.3#	94	0.00
30	C	Chloroform	50.000	60.535	-21.1#	89	0.00
31	T	Cyclohexane	50.000	57.295	-14.6	77	0.00
32	T	1,1,1-Trichloroethane	50.000	55.857	-11.7	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.811	-15.6	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	48.895	2.2	90	0.00
36	T	1,1-Dichloropropene	50.000	49.333	1.3	80	0.00
37	T	Ethyl Acetate	50.000	56.760	-13.5	88	0.00
38	T	Carbon Tetrachloride	50.000	47.146	5.7	80	0.00
39	T	Methylcyclohexane	50.000	47.296	5.4	76	0.00
40	TM	Benzene	50.000	53.631	-7.3	86	0.00
41	T	Methacrylonitrile	50.000	50.364	-0.7	73	0.00
42	TM	1,2-Dichloroethane	50.000	54.670	-9.3	91	0.00
43	T	Isopropyl Acetate	50.000	57.619	-15.2	94	0.00
44	TM	Trichloroethene	50.000	49.411	1.2	83	0.00
45	C	1,2-Dichloropropane	50.000	56.402	-12.8#	90	0.00
46	T	Dibromomethane	50.000	54.522	-9.0	90	0.00
47	T	Bromodichloromethane	50.000	53.835	-7.7	89	0.00
48	T	Methyl methacrylate	50.000	58.407	-16.8	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1090.888	-9.1	88	0.00
50	S	Toluene-d8	50.000	49.631	0.7	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	299.765	-19.9	99	0.00
52	CM	Toluene	50.000	54.215	-8.4#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	56.102	-12.2	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.204	-8.4	86	0.00
55	T	1,1,2-Trichloroethane	50.000	55.545	-11.1	93	0.00
56	T	Ethyl methacrylate	50.000	58.994	-18.0	99	0.00
57	T	1,3-Dichloropropane	50.000	56.337	-12.7	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.026	-6.4	81	0.00
59	T	2-Hexanone	250.000	292.785	-17.1	100	0.00
60	T	Dibromochloromethane	50.000	55.814	-11.6	92	0.00
61	T	1,2-Dibromoethane	50.000	55.340	-10.7	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.380	-2.8	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	47.321	5.4	85	0.00
65	PM	Chlorobenzene	50.000	49.839	0.3	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.878	-1.8	88	0.00
67	C	Ethyl Benzene	50.000	50.843	-1.7#	92	0.00
68	T	m/p-Xylenes	100.000	100.754	-0.8	89	0.00
69	T	o-Xylene	50.000	51.078	-2.2	90	0.00
70	T	Styrene	50.000	52.078	-4.2	90	0.00
71	P	Bromoform	50.000	52.262	-4.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	47.963	4.1	88	0.00
74	T	N-amyl acetate	50.000	52.193	-4.4	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.329	-2.7	98	0.00
76	T	1,2,3-Trichloropropane	50.000	49.127	1.7	96	0.00
77	T	Bromobenzene	50.000	51.135	-2.3	92	0.00
78	T	n-propylbenzene	50.000	46.815	6.4	88	0.00
79	T	2-Chlorotoluene	50.000	47.504	5.0	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.658	4.7	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.700	0.6	97	0.00
82	T	4-Chlorotoluene	50.000	46.761	6.5	89	0.00
83	T	tert-Butylbenzene	50.000	47.722	4.6	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.312	3.4	90	0.00
85	T	sec-Butylbenzene	50.000	45.965	8.1	87	0.00
86	T	p-Isopropyltoluene	50.000	46.166	7.7	87	0.00
87	T	1,3-Dichlorobenzene	50.000	47.904	4.2	88	0.00
88	T	1,4-Dichlorobenzene	50.000	47.253	5.5	89	0.00
89	T	n-Butylbenzene	50.000	44.108	11.8	85	0.00
90	T	Hexachloroethane	50.000	47.898	4.2	90	0.00
91	T	1,2-Dichlorobenzene	50.000	48.821	2.4	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.993	0.0	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.464	11.1	87	0.00
94	T	Hexachlorobutadiene	50.000	43.026	13.9	81	0.00
95	T	Naphthalene	50.000	48.900	2.2	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.201	7.6	93	0.00

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