Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
Data File : VY019320.D
Acq On : 28 Aug 2024 07:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 28 08:32:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	44.790	10.4	75	0.00
3	P	Chloromethane	50.000	45.841	8.3	82	0.00
4	C	Vinyl Chloride	50.000	42.580	14.8#	75	0.00
5	T	Bromomethane	50.000	50.594	-1.2	82	0.00
6	T	Chloroethane	50.000	40.235	19.5	72	0.00
7	T	Trichlorofluoromethane	50.000	33.464	33.1#	59	0.00
8	T	Diethyl Ether	50.000	47.904	4.2	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.978	12.0	79	0.00
10	T	Methyl Iodide	50.000	56.066	-12.1	87	0.00
11	T	Tert butyl alcohol	250.000	245.239	1.9	85	0.00
12	CM	1,1-Dichloroethene	50.000	46.902	6.2#	84	0.00
13	T	Acrolein	250.000	102.075	59.2#	39	0.00
14	T	Allyl chloride	50.000	50.570	-1.1	88	0.00
15	T	Acrylonitrile	250.000	270.491	-8.2	90	0.00
16	T	Acetone	250.000	235.919	5.6	78	0.00
17	T	Carbon Disulfide	50.000	44.900	10.2	78	0.00
18	T	Methyl Acetate	50.000	60.418	-20.8	107	0.00
19	T	Methyl tert-butyl Ether	50.000	53.949	-7.9	91	0.00
20	T	Methylene Chloride	50.000	67.266	-34.5#	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.816	0.4	86	0.00
22	T	Diisopropyl ether	50.000	57.470	-14.9	99	0.00
23	T	Vinyl Acetate	250.000	251.520	-0.6	84	0.00
24	P	1,1-Dichloroethane	50.000	52.170	-4.3	93	0.00
25	T	2-Butanone	250.000	257.325	-2.9	86	0.01
26	T	2,2-Dichloropropane	50.000	40.922	18.2	72	0.01
27	T	cis-1,2-Dichloroethene	50.000	51.883	-3.8	90	0.00
28	T	Bromochloromethane	50.000	57.580	-15.2	107	0.01
29	T	Tetrahydrofuran	250.000	277.623	-11.0	96	0.00
30	C	Chloroform	50.000	54.275	-8.5#	93	0.00
31	T	Cyclohexane	50.000	52.114	-4.2	87	0.00
32	T	1,1,1-Trichloroethane	50.000	54.257	-8.5	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.898	-11.8	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	51.424	-2.8	96	0.00
36	T	1,1-Dichloropropene	50.000	48.504	3.0	91	0.00
37	T	Ethyl Acetate	50.000	53.078	-6.2	90	0.00
38	T	Carbon Tetrachloride	50.000	49.515	1.0	89	0.00
39	T	Methylcyclohexane	50.000	45.907	8.2	85	0.00
40	TM	Benzene	50.000	52.223	-4.4	96	0.00
41	T	Methacrylonitrile	50.000	48.630	2.7	82	-0.02
42	TM	1,2-Dichloroethane	50.000	54.374	-8.7	98	0.00
43	T	Isopropyl Acetate	50.000	52.088	-4.2	93	0.00
44	TM	Trichloroethene	50.000	50.037	-0.1	94	0.00
45	C	1,2-Dichloropropane	50.000	51.034	-2.1#	94	0.01
46	T	Dibromomethane	50.000	50.048	-0.1	89	0.01
47	T	Bromodichloromethane	50.000	52.599	-5.2	96	0.00
48	T	Methyl methacrylate	50.000	52.981	-6.0	93	0.01

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	977.519	2.2	88	0.00
50	S	Toluene-d8	50.000	50.342	-0.7	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.652	-0.7	86	0.00
52	CM	Toluene	50.000	44.572	10.9#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	36.782	26.4#	65	0.01
54	T	cis-1,3-Dichloropropene	50.000	45.934	8.1	80	0.00
55	T	1,1,2-Trichloroethane	50.000	41.576	16.8	76	0.00
56	T	Ethyl methacrylate	50.000	41.156	17.7	71	0.00
57	T	1,3-Dichloropropane	50.000	51.961	-3.9	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	223.373	10.7	82	0.00
59	T	2-Hexanone	250.000	240.716	3.7	83	0.00
60	T	Dibromochloromethane	50.000	47.299	5.4	84	0.00
61	T	1,2-Dibromoethane	50.000	46.931	6.1	83	0.00
62	S	4-Bromofluorobenzene	50.000	39.112	21.8	72	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	67.423	-34.8#	106	0.00
65	PM	Chlorobenzene	50.000	50.417	-0.8	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.858	-1.7	77	0.00
67	C	Ethyl Benzene	50.000	49.291	1.4#	75	0.00
68	T	m/p-Xylenes	100.000	100.407	-0.4	76	0.00
69	T	o-Xylene	50.000	48.452	3.1	71	0.00
70	T	Styrene	50.000	48.479	3.0	71	0.00
71	P	Bromoform	50.000	47.224	5.6	68	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	37.526	24.9	69	0.00
74	T	N-amyl acetate	50.000	36.392	27.2#	65	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	36.950	26.1#	68	0.00
76	T	1,2,3-Trichloropropane	50.000	39.761	20.5	77	0.00
77	T	Bromobenzene	50.000	39.541	20.9	74	0.00
78	T	n-propylbenzene	50.000	40.065	19.9	74	0.00
79	T	2-Chlorotoluene	50.000	52.103	-4.2	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.473	-2.9	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	31.321	37.4#	57	0.00
82	T	4-Chlorotoluene	50.000	52.197	-4.4	97	0.00
83	T	tert-Butylbenzene	50.000	49.799	0.4	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.760	-3.5	95	0.00
85	T	sec-Butylbenzene	50.000	50.054	-0.1	93	0.00
86	T	p-Isopropyltoluene	50.000	50.352	-0.7	92	0.00
87	T	1,3-Dichlorobenzene	50.000	50.290	-0.6	94	0.00
88	T	1,4-Dichlorobenzene	50.000	49.981	0.0	94	0.00
89	T	n-Butylbenzene	50.000	48.761	2.5	88	0.00
90	T	Hexachloroethane	50.000	50.899	-1.8	92	0.00
91	T	1,2-Dichlorobenzene	50.000	50.590	-1.2	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.973	0.1	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.811	4.4	86	0.00
94	T	Hexachlorobutadiene	50.000	50.786	-1.6	89	0.00
95	T	Naphthalene	50.000	49.233	1.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.325	1.3	86	0.00

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