Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
Data File : VY021865.D
Acq On : 14 Apr 2025 09:49
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: Apr 15 02:39:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
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	95	0.00
2	T	Dichlorodifluoromethane	50.000	43.475	13.0	85	0.00
3	P	Chloromethane	50.000	44.285	11.4	89	0.00
4	C	Vinyl Chloride	50.000	43.413	13.2#	85	0.00
5	T	Bromomethane	50.000	42.850	14.3	89	0.00
6	T	Chloroethane	50.000	44.735	10.5	90	0.00
7	T	Trichlorofluoromethane	50.000	45.768	8.5	91	0.00
8	T	Diethyl Ether	50.000	47.046	5.9	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.145	5.7	93	0.00
10	T	Methyl Iodide	50.000	53.132	-6.3	94	0.00
11	T	Tert butyl alcohol	250.000	204.882	18.0	81	0.01
12	CM	1,1-Dichloroethene	50.000	47.131	5.7#	92	0.00
13	T	Acrolein	250.000	54.080	78.4#	21	0.00
14	T	Allyl chloride	50.000	46.931	6.1	89	0.00
15	T	Acrylonitrile	250.000	230.885	7.6	87	0.00
16	T	Acetone	250.000	239.400	4.2	94	0.00
17	T	Carbon Disulfide	50.000	44.087	11.8	86	0.00
18	T	Methyl Acetate	50.000	55.791	-11.6	110	0.00
19	T	Methyl tert-butyl Ether	50.000	48.952	2.1	92	0.00
20	T	Methylene Chloride	50.000	51.488	-3.0	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.149	3.7	93	0.00
22	T	Diisopropyl ether	50.000	49.176	1.6	91	0.00
23	T	Vinyl Acetate	250.000	229.924	8.0	84	0.00
24	P	1,1-Dichloroethane	50.000	48.133	3.7	93	0.00
25	T	2-Butanone	250.000	230.823	7.7	88	0.00
26	T	2,2-Dichloropropane	50.000	49.157	1.7	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.764	0.5	94	0.00
28	T	Bromochloromethane	50.000	48.294	3.4	96	0.00
29	T	Tetrahydrofuran	250.000	225.163	9.9	83	0.00
30	C	Chloroform	50.000	49.336	1.3#	95	0.00
31	T	Cyclohexane	50.000	43.180	13.6	86	0.00
32	T	1,1,1-Trichloroethane	50.000	48.617	2.8	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.013	6.0	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	51.691	-3.4	92	0.00
36	T	1,1-Dichloropropene	50.000	49.440	1.1	91	0.00
37	T	Ethyl Acetate	50.000	44.094	11.8	81	0.00
38	T	Carbon Tetrachloride	50.000	50.990	-2.0	96	0.00
39	T	Methylcyclohexane	50.000	49.445	1.1	88	0.00
40	TM	Benzene	50.000	50.784	-1.6	94	0.00
41	T	Methacrylonitrile	50.000	48.225	3.5	81	0.00
42	TM	1,2-Dichloroethane	50.000	49.606	0.8	92	0.00
43	T	Isopropyl Acetate	50.000	46.579	6.8	85	0.00
44	TM	Trichloroethene	50.000	52.013	-4.0	98	0.00
45	C	1,2-Dichloropropane	50.000	50.978	-2.0#	94	0.00
46	T	Dibromomethane	50.000	50.726	-1.5	96	0.00
47	T	Bromodichloromethane	50.000	51.242	-2.5	95	0.00
48	T	Methyl methacrylate	50.000	49.796	0.4	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	922.911	7.7	84	0.00
50	S	Toluene-d8	50.000	51.813	-3.6	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.827	2.1	87	0.00
52	CM	Toluene	50.000	52.745	-5.5#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	51.064	-2.1	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.471	-0.9	91	0.00
55	T	1,1,2-Trichloroethane	50.000	50.954	-1.9	95	0.00
56	T	Ethyl methacrylate	50.000	52.930	-5.9	90	0.00
57	T	1,3-Dichloropropane	50.000	51.276	-2.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.207	-10.1	93	0.00
59	T	2-Hexanone	250.000	250.353	-0.1	88	0.00
60	T	Dibromochloromethane	50.000	52.765	-5.5	96	0.00
61	T	1,2-Dibromoethane	50.000	52.293	-4.6	94	0.00
62	S	4-Bromofluorobenzene	50.000	52.043	-4.1	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	53.734	-7.5	103	0.00
65	PM	Chlorobenzene	50.000	51.245	-2.5	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.027	-4.1	98	0.00
67	C	Ethyl Benzene	50.000	52.103	-4.2#	95	0.00
68	T	m/p-Xylenes	100.000	105.265	-5.3	95	0.00
69	T	o-Xylene	50.000	52.847	-5.7	94	0.00
70	T	Styrene	50.000	54.298	-8.6	97	0.00
71	P	Bromoform	50.000	51.732	-3.5	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.962	-3.9	96	0.00
74	T	N-amyl acetate	50.000	45.802	8.4	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.443	7.1	90	0.00
76	T	1,2,3-Trichloropropane	50.000	52.065	-4.1	98	0.00
77	T	Bromobenzene	50.000	51.774	-3.5	99	0.00
78	T	n-propylbenzene	50.000	51.539	-3.1	95	0.00
79	T	2-Chlorotoluene	50.000	51.464	-2.9	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.878	-3.8	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.305	7.4	85	0.00
82	T	4-Chlorotoluene	50.000	50.660	-1.3	94	0.00
83	T	tert-Butylbenzene	50.000	52.433	-4.9	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.592	-5.2	96	0.00
85	T	sec-Butylbenzene	50.000	51.692	-3.4	95	0.00
86	T	p-Isopropyltoluene	50.000	53.238	-6.5	96	0.00
87	T	1,3-Dichlorobenzene	50.000	51.594	-3.2	98	0.00
88	T	1,4-Dichlorobenzene	50.000	51.190	-2.4	97	0.00
89	T	n-Butylbenzene	50.000	52.376	-4.8	95	0.00
90	T	Hexachloroethane	50.000	50.880	-1.8	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.637	-3.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.796	8.4	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.694	-9.4	98	0.00
94	T	Hexachlorobutadiene	50.000	54.020	-8.0	101	0.00
95	T	Naphthalene	50.000	54.094	-8.2	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.443	-8.9	98	0.00

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