Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022046.D
Acq On : 29 Apr 2025 09:28
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 30 01:32:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	43.507	13.0	97	0.00
3	P	Chloromethane	50.000	43.839	12.3	91	0.00
4	C	Vinyl Chloride	50.000	44.638	10.7#	94	0.00
5	T	Bromomethane	50.000	39.979	20.0	89	0.00
6	T	Chloroethane	50.000	42.293	15.4	89	0.00
7	T	Trichlorofluoromethane	50.000	43.517	13.0	92	0.00
8	T	Diethyl Ether	50.000	42.265	15.5	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.664	12.7	98	0.00
10	T	Methyl Iodide	50.000	46.504	7.0	94	0.00
11	T	Tert butyl alcohol	250.000	223.602	10.6	89	0.00
12	CM	1,1-Dichloroethene	50.000	44.442	11.1#	96	0.00
13	T	Acrolein	250.000	233.968	6.4	103	0.00
14	T	Allyl chloride	50.000	43.306	13.4	93	0.00
15	T	Acrylonitrile	250.000	223.027	10.8	92	0.00
16	T	Acetone	250.000	271.364	-8.5	106	0.00
17	T	Carbon Disulfide	50.000	43.107	13.8	94	0.00
18	T	Methyl Acetate	50.000	48.392	3.2	96	0.00
19	T	Methyl tert-butyl Ether	50.000	45.315	9.4	91	0.00
20	T	Methylene Chloride	50.000	40.043	19.9	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.924	12.2	94	0.01
22	T	Diisopropyl ether	50.000	44.895	10.2	92	0.00
23	T	Vinyl Acetate	250.000	226.736	9.3	90	0.00
24	P	1,1-Dichloroethane	50.000	43.448	13.1	93	0.00
25	T	2-Butanone	250.000	232.499	7.0	95	0.00
26	T	2,2-Dichloropropane	50.000	45.304	9.4	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.805	10.4	94	0.00
28	T	Bromochloromethane	50.000	46.456	7.1	96	0.00
29	T	Tetrahydrofuran	250.000	232.133	7.1	89	0.00
30	C	Chloroform	50.000	44.298	11.4#	94	0.00
31	T	Cyclohexane	50.000	43.306	13.4	96	0.00
32	T	1,1,1-Trichloroethane	50.000	44.057	11.9	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.532	12.9	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	47.486	5.0	92	0.00
36	T	1,1-Dichloropropene	50.000	46.442	7.1	94	0.00
37	T	Ethyl Acetate	50.000	47.597	4.8	91	0.00
38	T	Carbon Tetrachloride	50.000	48.012	4.0	97	0.00
39	T	Methylcyclohexane	50.000	47.325	5.3	93	0.00
40	TM	Benzene	50.000	46.906	6.2	95	0.00
41	T	Methacrylonitrile	50.000	41.395	17.2	76	0.00
42	TM	1,2-Dichloroethane	50.000	46.477	7.0	92	0.00
43	T	Isopropyl Acetate	50.000	46.389	7.2	88	0.00
44	TM	Trichloroethene	50.000	46.887	6.2	95	0.00
45	C	1,2-Dichloropropane	50.000	46.764	6.5#	93	0.00
46	T	Dibromomethane	50.000	47.082	5.8	94	0.00
47	T	Bromodichloromethane	50.000	47.592	4.8	94	0.00
48	T	Methyl methacrylate	50.000	49.274	1.5	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	997.336	0.3	98	0.00
50	S	Toluene-d8	50.000	48.273	3.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.912	-0.4	91	0.00
52	CM	Toluene	50.000	48.468	3.1#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	47.779	4.4	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.184	5.6	93	0.00
55	T	1,1,2-Trichloroethane	50.000	48.179	3.6	94	0.00
56	T	Ethyl methacrylate	50.000	49.904	0.2	90	0.00
57	T	1,3-Dichloropropane	50.000	48.021	4.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.171	-5.7	92	0.00
59	T	2-Hexanone	250.000	257.500	-3.0	92	0.00
60	T	Dibromochloromethane	50.000	49.071	1.9	96	0.00
61	T	1,2-Dibromoethane	50.000	48.774	2.5	95	0.00
62	S	4-Bromofluorobenzene	50.000	48.133	3.7	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	47.647	4.7	98	0.00
65	PM	Chlorobenzene	50.000	46.234	7.5	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.647	6.7	94	0.00
67	C	Ethyl Benzene	50.000	47.678	4.6#	94	0.00
68	T	m/p-Xylenes	100.000	97.760	2.2	96	0.00
69	T	o-Xylene	50.000	48.395	3.2	93	0.00
70	T	Styrene	50.000	49.256	1.5	94	0.00
71	P	Bromoform	50.000	48.842	2.3	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	47.173	5.7	95	0.00
74	T	N-amyl acetate	50.000	45.674	8.7	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.905	8.2	94	0.00
76	T	1,2,3-Trichloropropane	50.000	47.092	5.8	100	0.00
77	T	Bromobenzene	50.000	47.020	6.0	96	0.00
78	T	n-propylbenzene	50.000	47.296	5.4	95	0.00
79	T	2-Chlorotoluene	50.000	46.226	7.5	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.830	4.3	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.956	8.1	92	0.00
82	T	4-Chlorotoluene	50.000	46.986	6.0	95	0.00
83	T	tert-Butylbenzene	50.000	47.269	5.5	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.887	4.2	95	0.00
85	T	sec-Butylbenzene	50.000	47.496	5.0	95	0.00
86	T	p-Isopropyltoluene	50.000	48.314	3.4	96	0.00
87	T	1,3-Dichlorobenzene	50.000	46.325	7.3	96	0.00
88	T	1,4-Dichlorobenzene	50.000	46.327	7.3	97	0.00
89	T	n-Butylbenzene	50.000	46.748	6.5	93	0.00
90	T	Hexachloroethane	50.000	45.482	9.0	96	0.00
91	T	1,2-Dichlorobenzene	50.000	46.013	8.0	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.539	10.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.361	5.3	98	0.00
94	T	Hexachlorobutadiene	50.000	46.396	7.2	101	0.00
95	T	Naphthalene	50.000	48.746	2.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.880	4.2	99	0.00

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