Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021729.D
Acq On : 31 Mar 2025 18:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 01 05:41:36 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	47.408	5.2	111	0.00
3	P	Chloromethane	50.000	42.084	15.8	101	0.00
4	C	Vinyl Chloride	50.000	43.757	12.5#	103	0.00
5	T	Bromomethane	50.000	43.190	13.6	108	0.00
6	T	Chloroethane	50.000	43.467	13.1	105	0.00
7	T	Trichlorofluoromethane	50.000	46.434	7.1	111	0.00
8	T	Diethyl Ether	50.000	47.625	4.8	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.580	4.8	113	0.00
10	T	Methyl Iodide	50.000	51.630	-3.3	110	0.00
11	T	Tert butyl alcohol	250.000	231.137	7.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	48.122	3.8#	112	0.00
13	T	Acrolein	250.000	159.650	36.1#	74	0.00
14	T	Allyl chloride	50.000	46.581	6.8	106	0.00
15	T	Acrylonitrile	250.000	239.532	4.2	108	0.00
16	T	Acetone	250.000	189.021	24.4	89	0.00
17	T	Carbon Disulfide	50.000	46.799	6.4	109	0.00
18	T	Methyl Acetate	50.000	52.615	-5.2	124	0.00
19	T	Methyl tert-butyl Ether	50.000	49.844	0.3	112	0.00
20	T	Methylene Chloride	50.000	53.012	-6.0	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.717	2.6	113	0.00
22	T	Diisopropyl ether	50.000	48.630	2.7	108	0.00
23	T	Vinyl Acetate	250.000	237.701	4.9	105	0.00
24	P	1,1-Dichloroethane	50.000	47.981	4.0	111	0.00
25	T	2-Butanone	250.000	225.307	9.9	103	0.00
26	T	2,2-Dichloropropane	50.000	44.288	11.4	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.537	0.9	113	0.00
28	T	Bromochloromethane	50.000	47.952	4.1	114	0.00
29	T	Tetrahydrofuran	250.000	236.463	5.4	105	0.00
30	C	Chloroform	50.000	48.744	2.5#	112	0.00
31	T	Cyclohexane	50.000	45.500	9.0	108	0.00
32	T	1,1,1-Trichloroethane	50.000	48.121	3.8	112	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.334	3.3	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35	S	Dibromofluoromethane	50.000	50.226	-0.5	113	0.00
36	T	1,1-Dichloropropene	50.000	47.299	5.4	109	0.00
37	T	Ethyl Acetate	50.000	45.909	8.2	106	0.00
38	T	Carbon Tetrachloride	50.000	47.939	4.1	113	0.00
39	T	Methylcyclohexane	50.000	49.909	0.2	111	0.00
40	TM	Benzene	50.000	48.329	3.3	112	0.00
41	T	Methacrylonitrile	50.000	47.127	5.7	100	-0.02
42	TM	1,2-Dichloroethane	50.000	47.488	5.0	110	0.00
43	T	Isopropyl Acetate	50.000	47.116	5.8	108	0.00
44	TM	Trichloroethene	50.000	48.851	2.3	115	0.00
45	C	1,2-Dichloropropane	50.000	48.752	2.5#	113	0.00
46	T	Dibromomethane	50.000	49.640	0.7	118	0.00
47	T	Bromodichloromethane	50.000	48.717	2.6	114	0.00
48	T	Methyl methacrylate	50.000	47.411	5.2	107	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1024.806	-2.5	117	0.00
50	S	Toluene-d8	50.000	49.615	0.8	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.606	3.0	109	0.00
52	CM	Toluene	50.000	49.179	1.6#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	48.949	2.1	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.447	3.1	110	0.00
55	T	1,1,2-Trichloroethane	50.000	49.064	1.9	114	0.00
56	T	Ethyl methacrylate	50.000	52.550	-5.1	112	0.00
57	T	1,3-Dichloropropane	50.000	49.011	2.0	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.697	-4.7	110	0.00
59	T	2-Hexanone	250.000	242.411	3.0	106	0.00
60	T	Dibromochloromethane	50.000	49.920	0.2	114	0.00
61	T	1,2-Dibromoethane	50.000	49.912	0.2	112	0.00
62	S	4-Bromofluorobenzene	50.000	51.120	-2.2	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64	T	Tetrachloroethene	50.000	47.710	4.6	114	0.00
65	PM	Chlorobenzene	50.000	48.112	3.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.986	2.0	114	0.00
67	C	Ethyl Benzene	50.000	48.913	2.2#	110	0.00
68	T	m/p-Xylenes	100.000	97.555	2.4	110	0.00
69	T	o-Xylene	50.000	50.069	-0.1	111	0.00
70	T	Styrene	50.000	50.845	-1.7	112	0.00
71	P	Bromoform	50.000	48.868	2.3	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73	T	Isopropylbenzene	50.000	48.851	2.3	111	0.00
74	T	N-amyl acetate	50.000	47.569	4.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.369	7.3	110	0.00
76	T	1,2,3-Trichloropropane	50.000	43.499	13.0	101	0.00
77	T	Bromobenzene	50.000	47.634	4.7	112	0.00
78	T	n-propylbenzene	50.000	48.350	3.3	110	0.00
79	T	2-Chlorotoluene	50.000	47.733	4.5	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.310	3.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.206	7.6	105	0.00
82	T	4-Chlorotoluene	50.000	46.752	6.5	107	0.00
83	T	tert-Butylbenzene	50.000	49.755	0.5	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.337	1.3	111	0.00
85	T	sec-Butylbenzene	50.000	48.417	3.2	109	0.00
86	T	p-Isopropyltoluene	50.000	48.908	2.2	109	0.00
87	T	1,3-Dichlorobenzene	50.000	46.629	6.7	110	0.00
88	T	1,4-Dichlorobenzene	50.000	46.914	6.2	110	0.00
89	T	n-Butylbenzene	50.000	47.205	5.6	105	0.00
90	T	Hexachloroethane	50.000	46.012	8.0	109	0.00
91	T	1,2-Dichlorobenzene	50.000	47.748	4.5	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.801	4.4	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.014	2.0	108	0.00
94	T	Hexachlorobutadiene	50.000	46.966	6.1	109	0.00
95	T	Naphthalene	50.000	52.050	-4.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.814	0.4	111	0.00

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