Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021850.D
Acq On : 11 Apr 2025 09:18
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 12 02:44:50 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	125	0.00
2	T	Dichlorodifluoromethane	50.000	48.224	3.6	123	0.00
3	P	Chloromethane	50.000	40.571	18.9	107	0.00
4	C	Vinyl Chloride	50.000	43.949	12.1#	113	0.00
5	T	Bromomethane	50.000	41.209	17.6	113	0.00
6	T	Chloroethane	50.000	44.767	10.5	118	0.00
7	T	Trichlorofluoromethane	50.000	49.760	0.5	129	0.00
8	T	Diethyl Ether	50.000	48.903	2.2	127	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.178	-4.4	135	0.00
10	T	Methyl Iodide	50.000	58.901	-17.8	137	0.00
11	T	Tert butyl alcohol	250.000	206.054	17.6	107	0.00
12	CM	1,1-Dichloroethene	50.000	51.574	-3.1#	131	0.00
13	T	Acrolein	250.000	62.939	74.8#	32	0.00
14	T	Allyl chloride	50.000	49.357	1.3	123	0.00
15	T	Acrylonitrile	250.000	225.299	9.9	111	0.00
16	T	Acetone	250.000	212.668	14.9	110	0.00
17	T	Carbon Disulfide	50.000	47.315	5.4	120	0.00
18	T	Methyl Acetate	50.000	52.695	-5.4	136	0.00
19	T	Methyl tert-butyl Ether	50.000	50.564	-1.1	124	0.00
20	T	Methylene Chloride	50.000	53.807	-7.6	128	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.439	-2.9	131	0.00
22	T	Diisopropyl ether	50.000	49.943	0.1	121	0.00
23	T	Vinyl Acetate	250.000	228.914	8.4	110	0.00
24	P	1,1-Dichloroethane	50.000	50.780	-1.6	128	0.00
25	T	2-Butanone	250.000	219.344	12.3	109	0.00
26	T	2,2-Dichloropropane	50.000	52.281	-4.6	132	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.336	-4.7	130	0.00
28	T	Bromochloromethane	50.000	45.778	8.4	119	0.00
29	T	Tetrahydrofuran	250.000	217.681	12.9	105	0.00
30	C	Chloroform	50.000	50.965	-1.9#	128	0.00
31	T	Cyclohexane	50.000	48.062	3.9	125	0.00
32	T	1,1,1-Trichloroethane	50.000	51.783	-3.6	132	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.156	5.7	116	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35	S	Dibromofluoromethane	50.000	53.781	-7.6	123	0.00
36	T	1,1-Dichloropropene	50.000	53.794	-7.6	127	0.00
37	T	Ethyl Acetate	50.000	45.920	8.2	109	0.00
38	T	Carbon Tetrachloride	50.000	56.078	-12.2	135	0.00
39	T	Methylcyclohexane	50.000	55.995	-12.0	128	0.00
40	TM	Benzene	50.000	53.575	-7.2	127	0.00
41	T	Methacrylonitrile	50.000	52.519	-5.0	114	-0.01
42	TM	1,2-Dichloroethane	50.000	50.800	-1.6	121	0.00
43	T	Isopropyl Acetate	50.000	47.628	4.7	112	0.00
44	TM	Trichloroethene	50.000	57.313	-14.6	138	0.00
45	C	1,2-Dichloropropane	50.000	53.274	-6.5#	127	0.00
46	T	Dibromomethane	50.000	51.350	-2.7	125	0.00
47	T	Bromodichloromethane	50.000	52.785	-5.6	126	0.00
48	T	Methyl methacrylate	50.000	50.338	-0.7	116	0.00

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Quant Title : SW846 8260
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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	1031.494	-3.1	120	0.00
50	S	Toluene-d8	50.000	54.265	-8.5	123	0.00
51	T	4-Methyl-2-Pentanone	250.000	239.815	4.1	110	0.00
52	CM	Toluene	50.000	55.170	-10.3#	128	0.00
53	T	t-1,3-Dichloropropene	50.000	52.583	-5.2	121	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.414	-6.8	124	0.00
55	T	1,1,2-Trichloroethane	50.000	52.065	-4.1	124	0.00
56	T	Ethyl methacrylate	50.000	55.069	-10.1	120	0.00
57	T	1,3-Dichloropropane	50.000	52.163	-4.3	122	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.689	-7.5	116	0.00
59	T	2-Hexanone	250.000	239.043	4.4	107	0.00
60	T	Dibromochloromethane	50.000	54.139	-8.3	126	0.00
61	T	1,2-Dibromoethane	50.000	53.364	-6.7	123	0.00
62	S	4-Bromofluorobenzene	50.000	55.227	-10.5	126	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	62.690	-25.4#	149	0.00
65	PM	Chlorobenzene	50.000	55.307	-10.6	129	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.366	-10.7	128	0.00
67	C	Ethyl Benzene	50.000	57.580	-15.2#	130	0.00
68	T	m/p-Xylenes	100.000	114.707	-14.7	129	0.00
69	T	o-Xylene	50.000	58.511	-17.0	129	0.00
70	T	Styrene	50.000	58.165	-16.3	128	0.00
71	P	Bromoform	50.000	54.645	-9.3	125	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73	T	Isopropylbenzene	50.000	57.648	-15.3	131	0.00
74	T	N-amyl acetate	50.000	49.969	0.1	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.724	8.6	109	0.00
76	T	1,2,3-Trichloropropane	50.000	50.175	-0.3	117	0.00
77	T	Bromobenzene	50.000	55.923	-11.8	131	0.00
78	T	n-propylbenzene	50.000	56.973	-13.9	129	0.00
79	T	2-Chlorotoluene	50.000	55.564	-11.1	127	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.261	-14.5	129	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.127	3.7	109	0.00
82	T	4-Chlorotoluene	50.000	55.178	-10.4	126	0.00
83	T	tert-Butylbenzene	50.000	57.834	-15.7	131	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.973	-15.9	130	0.00
85	T	sec-Butylbenzene	50.000	58.131	-16.3	131	0.00
86	T	p-Isopropyltoluene	50.000	59.571	-19.1	133	0.00
87	T	1,3-Dichlorobenzene	50.000	55.345	-10.7	130	0.00
88	T	1,4-Dichlorobenzene	50.000	54.580	-9.2	127	0.00
89	T	n-Butylbenzene	50.000	58.642	-17.3	130	0.00
90	T	Hexachloroethane	50.000	54.661	-9.3	129	0.00
91	T	1,2-Dichlorobenzene	50.000	55.539	-11.1	130	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.864	0.3	118	0.00
93	T	1,2,4-Trichlorobenzene	50.000	63.179	-26.4#	139	0.00
94	T	Hexachlorobutadiene	50.000	64.378	-28.8#	149	0.00
95	T	Naphthalene	50.000	63.159	-26.3#	135	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	62.357	-24.7	138	0.00

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