Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
Data File : VY021608.D
Acq On : 21 Mar 2025 18:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 21 23:13:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	70	0.00
2	T	Dichlorodifluoromethane	50.000	43.417	13.2	63	0.00
3	P	Chloromethane	50.000	49.233	1.5	73	0.00
4	C	Vinyl Chloride	50.000	52.773	-5.5#	76	0.00
5	T	Bromomethane	50.000	50.298	-0.6	77	-0.01
6	T	Chloroethane	50.000	57.489	-15.0	82	0.00
7	T	Trichlorofluoromethane	50.000	52.371	-4.7	75	-0.01
8	T	Diethyl Ether	50.000	55.274	-10.5	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.891	-1.8	75	-0.02
10	T	Methyl Iodide	50.000	56.142	-12.3	72	0.00
11	T	Tert butyl alcohol	250.000	277.757	-11.1	70	-0.02
12	CM	1,1-Dichloroethene	50.000	50.867	-1.7#	73	0.00
13	T	Acrolein	250.000	38.053	84.8#	63	-0.01
14	T	Allyl chloride	50.000	52.432	-4.9	73	-0.01
15	T	Acrylonitrile	250.000	305.943	-22.4	80	0.00
16	T	Acetone	250.000	227.482	9.0	55	0.00
17	T	Carbon Disulfide	50.000	46.959	6.1	65	-0.01
18	T	Methyl Acetate	50.000	81.343	-62.7#	103	0.00
19	T	Methyl tert-butyl Ether	50.000	57.878	-15.8	78	0.00
20	T	Methylene Chloride	50.000	53.340	-6.7	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.127	-6.3	76	-0.01
22	T	Diisopropyl ether	50.000	60.361	-20.7	82	0.00
23	T	Vinyl Acetate	250.000	278.230	-11.3	72	0.00
24	P	1,1-Dichloroethane	50.000	56.688	-13.4	80	-0.01
25	T	2-Butanone	250.000	273.075	-9.2	68	0.00
26	T	2,2-Dichloropropane	50.000	44.518	11.0	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.902	-13.8	80	0.00
28	T	Bromochloromethane	50.000	60.921	-21.8	81	0.00
29	T	Tetrahydrofuran	250.000	303.584	-21.4	76	0.00
30	C	Chloroform	50.000	58.791	-17.6#	83	0.00
31	T	Cyclohexane	50.000	46.336	7.3	69	0.00
32	T	1,1,1-Trichloroethane	50.000	54.222	-8.4	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.234	-14.5	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	54.783	-9.6	91	0.00
36	T	1,1-Dichloropropene	50.000	49.532	0.9	73	0.00
37	T	Ethyl Acetate	50.000	55.359	-10.7	76	0.00
38	T	Carbon Tetrachloride	50.000	50.263	-0.5	76	0.00
39	T	Methylcyclohexane	50.000	47.026	5.9	68	0.00
40	TM	Benzene	50.000	54.304	-8.6	80	0.00
41	T	Methacrylonitrile	50.000	53.488	-7.0	75	0.00
42	TM	1,2-Dichloroethane	50.000	57.130	-14.3	83	0.00
43	T	Isopropyl Acetate	50.000	55.466	-10.9	76	0.00
44	TM	Trichloroethene	50.000	52.246	-4.5	78	0.00
45	C	1,2-Dichloropropane	50.000	57.371	-14.7#	84	0.00
46	T	Dibromomethane	50.000	57.297	-14.6	81	0.00
47	T	Bromodichloromethane	50.000	57.744	-15.5	84	0.00
48	T	Methyl methacrylate	50.000	58.317	-16.6	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1226.058	-22.6	80	0.00
50	S	Toluene-d8	50.000	51.847	-3.7	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	299.252	-19.7	77	0.00
52	CM	Toluene	50.000	54.998	-10.0#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	54.916	-9.8	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.911	-9.8	78	0.00
55	T	1,1,2-Trichloroethane	50.000	57.867	-15.7	80	0.00
56	T	Ethyl methacrylate	50.000	59.783	-19.6	78	0.00
57	T	1,3-Dichloropropane	50.000	57.725	-15.5	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	340.199	-36.1#	90	0.00
59	T	2-Hexanone	250.000	295.026	-18.0	73	0.00
60	T	Dibromochloromethane	50.000	58.539	-17.1	84	0.00
61	T	1,2-Dibromoethane	50.000	57.207	-14.4	81	0.00
62	S	4-Bromofluorobenzene	50.000	54.159	-8.3	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	56.836	-13.7	88	0.00
65	PM	Chlorobenzene	50.000	53.365	-6.7	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.009	-10.0	84	0.00
67	C	Ethyl Benzene	50.000	52.641	-5.3#	79	0.00
68	T	m/p-Xylenes	100.000	106.217	-6.2	78	0.00
69	T	o-Xylene	50.000	54.767	-9.5	81	0.00
70	T	Styrene	50.000	57.159	-14.3	83	0.00
71	P	Bromoform	50.000	56.403	-12.8	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	49.320	1.4	79	0.00
74	T	N-amyl acetate	50.000	50.831	-1.7	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.234	-0.5	78	0.00
76	T	1,2,3-Trichloropropane	50.000	52.995	-6.0	89	0.00
77	T	Bromobenzene	50.000	50.571	-1.1	82	0.00
78	T	n-propylbenzene	50.000	48.869	2.3	78	0.00
79	T	2-Chlorotoluene	50.000	50.389	-0.8	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.439	-0.9	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.098	9.8	69	0.00
82	T	4-Chlorotoluene	50.000	50.111	-0.2	81	0.00
83	T	tert-Butylbenzene	50.000	49.756	0.5	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.977	-2.0	81	0.00
85	T	sec-Butylbenzene	50.000	49.430	1.1	79	0.00
86	T	p-Isopropyltoluene	50.000	50.096	-0.2	80	0.00
87	T	1,3-Dichlorobenzene	50.000	50.245	-0.5	83	0.00
88	T	1,4-Dichlorobenzene	50.000	50.170	-0.3	82	0.00
89	T	n-Butylbenzene	50.000	49.595	0.8	77	0.00
90	T	Hexachloroethane	50.000	49.848	0.3	83	0.00
91	T	1,2-Dichlorobenzene	50.000	52.669	-5.3	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.332	-2.7	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.969	-1.9	79	0.00
94	T	Hexachlorobutadiene	50.000	50.625	-1.3	81	0.00
95	T	Naphthalene	50.000	51.600	-3.2	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.517	-5.0	80	0.00

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