Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
Data File : VY021554.D
Acq On : 17 Mar 2025 16:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 18 01:28:20 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	45.142	9.7	74	0.00
3	P	Chloromethane	50.000	52.243	-4.5	88	0.00
4	C	Vinyl Chloride	50.000	54.289	-8.6#	89	0.00
5	T	Bromomethane	50.000	53.169	-6.3	93	-0.01
6	T	Chloroethane	50.000	58.466	-16.9	95	0.00
7	T	Trichlorofluoromethane	50.000	52.119	-4.2	85	-0.01
8	T	Diethyl Ether	50.000	56.387	-12.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.214	-0.4	84	-0.01
10	T	Methyl Iodide	50.000	61.975	-24.0	90	-0.01
11	T	Tert butyl alcohol	250.000	274.895	-10.0	79	-0.02
12	CM	1,1-Dichloroethene	50.000	51.287	-2.6#	83	-0.01
13	T	Acrolein	250.000	53.310	78.7#	101	-0.01
14	T	Allyl chloride	50.000	54.639	-9.3	86	-0.01
15	T	Acrylonitrile	250.000	288.407	-15.4	86	-0.01
16	T	Acetone	250.000	219.878	12.0	60	0.00
17	T	Carbon Disulfide	50.000	49.815	0.4	79	-0.01
18	T	Methyl Acetate	50.000	74.362	-48.7#	107	-0.01
19	T	Methyl tert-butyl Ether	50.000	58.589	-17.2	89	0.00
20	T	Methylene Chloride	50.000	52.227	-4.5	92	-0.01
21	T	trans-1,2-Dichloroethene	50.000	54.390	-8.8	89	-0.02
22	T	Diisopropyl ether	50.000	59.415	-18.8	92	0.00
23	T	Vinyl Acetate	250.000	280.628	-12.3	83	-0.01
24	P	1,1-Dichloroethane	50.000	57.334	-14.7	92	-0.01
25	T	2-Butanone	250.000	266.170	-6.5	75	0.00
26	T	2,2-Dichloropropane	50.000	46.968	6.1	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.837	-15.7	92	-0.01
28	T	Bromochloromethane	50.000	49.841	0.3	76	-0.01
29	T	Tetrahydrofuran	250.000	292.200	-16.9	83	0.00
30	C	Chloroform	50.000	58.072	-16.1#	94	0.00
31	T	Cyclohexane	50.000	46.662	6.7	79	0.00
32	T	1,1,1-Trichloroethane	50.000	54.050	-8.1	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.322	-2.6	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	51.055	-2.1	94	0.00
36	T	1,1-Dichloropropene	50.000	51.994	-4.0	85	0.00
37	T	Ethyl Acetate	50.000	54.988	-10.0	83	0.00
38	T	Carbon Tetrachloride	50.000	51.932	-3.9	86	0.00
39	T	Methylcyclohexane	50.000	48.815	2.4	78	0.00
40	TM	Benzene	50.000	55.854	-11.7	90	0.00
41	T	Methacrylonitrile	50.000	55.459	-10.9	86	0.00
42	TM	1,2-Dichloroethane	50.000	57.435	-14.9	92	0.00
43	T	Isopropyl Acetate	50.000	56.650	-13.3	85	0.00
44	TM	Trichloroethene	50.000	55.261	-10.5	91	0.00
45	C	1,2-Dichloropropane	50.000	57.716	-15.4#	93	0.00
46	T	Dibromomethane	50.000	58.476	-17.0	91	0.00
47	T	Bromodichloromethane	50.000	58.879	-17.8	94	0.00
48	T	Methyl methacrylate	50.000	57.976	-16.0	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1244.233	-24.4	90	0.00
50	S	Toluene-d8	50.000	49.729	0.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.976	-16.8	83	0.00
52	CM	Toluene	50.000	56.374	-12.7#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	57.942	-15.9	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.482	-13.0	88	0.00
55	T	1,1,2-Trichloroethane	50.000	58.547	-17.1	89	0.00
56	T	Ethyl methacrylate	50.000	60.954	-21.9	88	0.00
57	T	1,3-Dichloropropane	50.000	58.732	-17.5	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.711	-1.9	75	0.00
59	T	2-Hexanone	250.000	290.133	-16.1	79	0.00
60	T	Dibromochloromethane	50.000	59.669	-19.3	94	0.00
61	T	1,2-Dibromoethane	50.000	58.060	-16.1	91	0.00
62	S	4-Bromofluorobenzene	50.000	51.714	-3.4	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	58.654	-17.3	100	0.00
65	PM	Chlorobenzene	50.000	54.793	-9.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.634	-11.3	93	0.00
67	C	Ethyl Benzene	50.000	54.790	-9.6#	90	0.00
68	T	m/p-Xylenes	100.000	109.919	-9.9	89	0.00
69	T	o-Xylene	50.000	56.941	-13.9	92	0.00
70	T	Styrene	50.000	58.912	-17.8	94	0.00
71	P	Bromoform	50.000	57.245	-14.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	51.367	-2.7	89	0.00
74	T	N-amyl acetate	50.000	53.280	-6.6	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.779	-1.6	86	0.00
76	T	1,2,3-Trichloropropane	50.000	50.569	-1.1	92	0.00
77	T	Bromobenzene	50.000	53.098	-6.2	93	0.00
78	T	n-propylbenzene	50.000	51.682	-3.4	89	0.00
79	T	2-Chlorotoluene	50.000	52.696	-5.4	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.778	-5.6	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.603	6.8	77	0.00
82	T	4-Chlorotoluene	50.000	52.799	-5.6	93	0.00
83	T	tert-Butylbenzene	50.000	52.736	-5.5	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.720	-7.4	92	0.00
85	T	sec-Butylbenzene	50.000	51.331	-2.7	88	0.00
86	T	p-Isopropyltoluene	50.000	53.061	-6.1	91	0.00
87	T	1,3-Dichlorobenzene	50.000	52.341	-4.7	94	0.00
88	T	1,4-Dichlorobenzene	50.000	53.155	-6.3	94	0.00
89	T	n-Butylbenzene	50.000	52.202	-4.4	88	0.00
90	T	Hexachloroethane	50.000	50.690	-1.4	92	0.00
91	T	1,2-Dichlorobenzene	50.000	54.051	-8.1	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.333	-2.7	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.223	-12.4	94	0.00
94	T	Hexachlorobutadiene	50.000	53.277	-6.6	92	0.00
95	T	Naphthalene	50.000	55.092	-10.2	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.411	-14.8	94	0.00

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