Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021499.D
Acq On : 11 Mar 2025 20:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:27:19 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	45.376	9.2	75	0.00
3	P	Chloromethane	50.000	56.124	-12.2	94	0.00
4	C	Vinyl Chloride	50.000	55.360	-10.7#	91	0.00
5	T	Bromomethane	50.000	54.769	-9.5	96	-0.01
6	T	Chloroethane	50.000	62.825	-25.7#	102	0.00
7	T	Trichlorofluoromethane	50.000	55.910	-11.8	91	-0.01
8	T	Diethyl Ether	50.000	64.944	-29.9#	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.031	1.9	82	-0.01
10	T	Methyl Iodide	50.000	63.881	-27.8#	93	0.00
11	T	Tert butyl alcohol	250.000	298.685	-19.5	86	-0.02
12	CM	1,1-Dichloroethene	50.000	52.074	-4.1#	85	-0.01
13	T	Acrolein	250.000	35.378	85.8#	67	-0.02
14	T	Allyl chloride	50.000	54.995	-10.0	87	-0.01
15	T	Acrylonitrile	250.000	315.472	-26.2#	94	-0.01
16	T	Acetone	250.000	248.203	0.7	68	0.00
17	T	Carbon Disulfide	50.000	52.820	-5.6	83	-0.01
18	T	Methyl Acetate	50.000	81.095	-62.2#	117	0.00
19	T	Methyl tert-butyl Ether	50.000	61.348	-22.7	94	-0.01
20	T	Methylene Chloride	50.000	55.444	-10.9	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.501	-11.0	91	-0.01
22	T	Diisopropyl ether	50.000	62.008	-24.0	96	0.00
23	T	Vinyl Acetate	250.000	297.109	-18.8	87	-0.01
24	P	1,1-Dichloroethane	50.000	58.024	-16.0	93	-0.01
25	T	2-Butanone	250.000	293.960	-17.6	83	0.00
26	T	2,2-Dichloropropane	50.000	41.573	16.9	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.898	-19.8	96	-0.01
28	T	Bromochloromethane	50.000	56.873	-13.7	86	0.00
29	T	Tetrahydrofuran	250.000	323.706	-29.5#	92	0.00
30	C	Chloroform	50.000	59.184	-18.4#	96	0.00
31	T	Cyclohexane	50.000	46.635	6.7	79	0.00
32	T	1,1,1-Trichloroethane	50.000	54.404	-8.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	58.398	-16.8	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	53.257	-6.5	103	0.00
36	T	1,1-Dichloropropene	50.000	48.944	2.1	85	0.00
37	T	Ethyl Acetate	50.000	57.987	-16.0	93	0.00
38	T	Carbon Tetrachloride	50.000	48.840	2.3	86	0.00
39	T	Methylcyclohexane	50.000	45.623	8.8	77	0.00
40	TM	Benzene	50.000	53.949	-7.9	92	0.00
41	T	Methacrylonitrile	50.000	58.547	-17.1	96	0.00
42	TM	1,2-Dichloroethane	50.000	56.805	-13.6	96	0.00
43	T	Isopropyl Acetate	50.000	57.950	-15.9	92	0.00
44	TM	Trichloroethene	50.000	52.313	-4.6	91	0.00
45	C	1,2-Dichloropropane	50.000	56.465	-12.9#	96	0.00
46	T	Dibromomethane	50.000	59.101	-18.2	97	0.00
47	T	Bromodichloromethane	50.000	57.107	-14.2	97	0.00
48	T	Methyl methacrylate	50.000	61.268	-22.5	95	0.00

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Instrument :
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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	1282.286	-28.2#	98	0.00
50	S	Toluene-d8	50.000	51.287	-2.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.912	-23.6	93	0.00
52	CM	Toluene	50.000	54.298	-8.6#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	54.836	-9.7	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.179	-8.4	90	0.00
55	T	1,1,2-Trichloroethane	50.000	58.815	-17.6	95	0.00
56	T	Ethyl methacrylate	50.000	61.290	-22.6	93	0.00
57	T	1,3-Dichloropropane	50.000	58.544	-17.1	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.880	-19.2	92	0.00
59	T	2-Hexanone	250.000	309.295	-23.7	89	0.00
60	T	Dibromochloromethane	50.000	57.692	-15.4	96	0.00
61	T	1,2-Dibromoethane	50.000	58.264	-16.5	96	0.00
62	S	4-Bromofluorobenzene	50.000	53.825	-7.7	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	53.901	-7.8	98	0.00
65	PM	Chlorobenzene	50.000	51.972	-3.9	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.352	-6.7	95	0.00
67	C	Ethyl Benzene	50.000	51.912	-3.8#	91	0.00
68	T	m/p-Xylenes	100.000	104.154	-4.2	90	0.00
69	T	o-Xylene	50.000	53.889	-7.8	93	0.00
70	T	Styrene	50.000	55.741	-11.5	95	0.00
71	P	Bromoform	50.000	56.365	-12.7	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	49.261	1.5	89	0.00
74	T	N-amyl acetate	50.000	54.335	-8.7	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.927	-5.9	94	0.00
76	T	1,2,3-Trichloropropane	50.000	49.815	0.4	94	0.00
77	T	Bromobenzene	50.000	51.682	-3.4	95	0.00
78	T	n-propylbenzene	50.000	48.859	2.3	88	0.00
79	T	2-Chlorotoluene	50.000	50.248	-0.5	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.450	-0.9	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.883	14.2	74	0.00
82	T	4-Chlorotoluene	50.000	50.655	-1.3	93	0.00
83	T	tert-Butylbenzene	50.000	50.256	-0.5	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.192	-2.4	92	0.00
85	T	sec-Butylbenzene	50.000	47.846	4.3	86	0.00
86	T	p-Isopropyltoluene	50.000	48.731	2.5	88	0.00
87	T	1,3-Dichlorobenzene	50.000	50.462	-0.9	94	0.00
88	T	1,4-Dichlorobenzene	50.000	50.710	-1.4	94	0.00
89	T	n-Butylbenzene	50.000	48.218	3.6	85	0.00
90	T	Hexachloroethane	50.000	48.300	3.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	51.760	-3.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.858	-5.7	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.877	-3.8	91	0.00
94	T	Hexachlorobutadiene	50.000	46.470	7.1	84	0.00
95	T	Naphthalene	50.000	53.067	-6.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.818	-5.6	91	0.00

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