Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
Data File : VY015389.D
Acq On : 30 Aug 2023 19:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 31 01:04:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
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	72	0.00
2	T	Dichlorodifluoromethane	50.000	77.084	-54.2#	105	0.00
3	P	Chloromethane	50.000	86.968	-73.9#	117	0.00
4	C	Vinyl Chloride	50.000	81.713	-63.4#	111	0.00
5	T	Bromomethane	50.000	87.986	-76.0#	121	0.00
6	T	Chloroethane	50.000	85.707	-71.4#	118	0.00
7	T	Trichlorofluoromethane	50.000	78.309	-56.6#	108	0.00
8	T	Diethyl Ether	50.000	90.266	-80.5#	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	77.765	-55.5#	107	0.00
10	T	Methyl Iodide	50.000	78.042	-56.1#	100	0.00
11	T	Tert butyl alcohol	250.000	466.684	-86.7#	140	0.01
12	CM	1,1-Dichloroethene	50.000	81.876	-63.8#	113	0.00
13	T	Acrolein	250.000	417.619	-67.0#	104	0.00
14	T	Allyl chloride	50.000	85.769	-71.5#	115	0.00
15	T	Acrylonitrile	250.000	489.033	-95.6#	126	0.00
16	T	Acetone	250.000	366.870	-46.7#	85	0.00
17	T	Carbon Disulfide	50.000	83.843	-67.7#	114	0.00
18	T	Methyl Acetate	50.000	112.902	-125.8#	145	0.00
19	T	Methyl tert-butyl Ether	50.000	92.020	-84.0#	121	0.00
20	T	Methylene Chloride	50.000	94.463	-88.9#	120	0.00
21	T	trans-1,2-Dichloroethene	50.000	86.518	-73.0#	118	0.00
22	T	Diisopropyl ether	50.000	89.186	-78.4#	121	0.00
23	T	Vinyl Acetate	250.000	472.382	-89.0#	109	0.00
24	P	1,1-Dichloroethane	50.000	87.735	-75.5#	122	0.01
25	T	2-Butanone	250.000	457.509	-83.0#	111	0.00
26	T	2,2-Dichloropropane	50.000	59.692	-19.4	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	88.382	-76.8#	120	0.00
28	T	Bromochloromethane	50.000	86.230	-72.5#	123	0.00
29	T	Tetrahydrofuran	250.000	493.026	-97.2#	125	0.00
30	C	Chloroform	50.000	87.403	-74.8#	121	0.00
31	T	Cyclohexane	50.000	74.706	-49.4#	108	0.00
32	T	1,1,1-Trichloroethane	50.000	83.210	-66.4#	114	0.00
33	S	1,2-Dichloroethane-d4	50.000	86.460	-72.9#	124	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	80.879	-61.8#	121	0.00
36	T	1,1-Dichloropropene	50.000	75.851	-51.7#	113	0.00
37	T	Ethyl Acetate	50.000	88.222	-76.4#	122	0.00
38	T	Carbon Tetrachloride	50.000	75.921	-51.8#	112	0.00
39	T	Methylcyclohexane	50.000	74.292	-48.6#	109	0.00
40	TM	Benzene	50.000	82.545	-65.1#	121	0.00
41	T	Methacrylonitrile	50.000	89.703	-79.4#	134	0.00
42	TM	1,2-Dichloroethane	50.000	82.796	-65.6#	119	0.00
43	T	Isopropyl Acetate	50.000	87.244	-74.5#	121	0.00
44	TM	Trichloroethene	50.000	80.936	-61.9#	120	0.00
45	C	1,2-Dichloropropane	50.000	84.245	-68.5#	122	0.00
46	T	Dibromomethane	50.000	85.483	-71.0#	123	0.00
47	T	Bromodichloromethane	50.000	84.208	-68.4#	121	0.00
48	T	Methyl methacrylate	50.000	88.606	-77.2#	121	0.00

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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	1774.017	-77.4#	123	0.01
50	S	Toluene-d8	50.000	79.700	-59.4#	123	0.00
51	T	4-Methyl-2-Pentanone	250.000	466.091	-86.4#	126	0.00
52	CM	Toluene	50.000	81.789	-63.6#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	79.076	-58.2#	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	78.580	-57.2#	112	0.00
55	T	1,1,2-Trichloroethane	50.000	86.147	-72.3#	123	0.00
56	T	Ethyl methacrylate	50.000	90.081	-80.2#	124	0.00
57	T	1,3-Dichloropropane	50.000	85.843	-71.7#	123	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	427.974	-71.2#	127	0.00
59	T	2-Hexanone	250.000	460.765	-84.3#	122	0.00
60	T	Dibromochloromethane	50.000	86.747	-73.5#	123	0.00
61	T	1,2-Dibromoethane	50.000	87.405	-74.8#	124	0.00
62	S	4-Bromofluorobenzene	50.000	81.147	-62.3#	123	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	85.499	-71.0#	129	0.00
65	PM	Chlorobenzene	50.000	78.682	-57.4#	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	81.228	-62.5#	124	0.00
67	C	Ethyl Benzene	50.000	77.534	-55.1#	119	0.00
68	T	m/p-Xylenes	100.000	154.097	-54.1#	118	0.00
69	T	o-Xylene	50.000	79.291	-58.6#	120	0.00
70	T	Styrene	50.000	81.517	-63.0#	121	0.00
71	P	Bromoform	50.000	87.691	-75.4#	124	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	74.951	-49.9#	116	0.00
74	T	N-amyl acetate	50.000	82.890	-65.8#	117	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	83.135	-66.3#	124	0.00
76	T	1,2,3-Trichloropropane	50.000	89.573	-79.1#	130	0.00
77	T	Bromobenzene	50.000	78.595	-57.2#	121	0.00
78	T	n-propylbenzene	50.000	75.056	-50.1#	114	0.00
79	T	2-Chlorotoluene	50.000	76.690	-53.4#	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	75.731	-51.5#	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	69.538	-39.1#	101	0.00
82	T	4-Chlorotoluene	50.000	76.666	-53.3#	117	0.00
83	T	tert-Butylbenzene	50.000	73.741	-47.5#	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	76.638	-53.3#	116	0.00
85	T	sec-Butylbenzene	50.000	73.784	-47.6#	112	0.00
86	T	p-Isopropyltoluene	50.000	74.516	-49.0#	112	0.00
87	T	1,3-Dichlorobenzene	50.000	76.824	-53.6#	117	0.00
88	T	1,4-Dichlorobenzene	50.000	76.128	-52.3#	117	0.00
89	T	n-Butylbenzene	50.000	72.724	-45.4#	110	0.00
90	T	Hexachloroethane	50.000	78.530	-57.1#	119	0.00
91	T	1,2-Dichlorobenzene	50.000	79.353	-58.7#	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	84.443	-68.9#	121	0.00
93	T	1,2,4-Trichlorobenzene	50.000	77.636	-55.3#	115	0.00
94	T	Hexachlorobutadiene	50.000	73.248	-46.5#	115	0.00
95	T	Naphthalene	50.000	88.647	-77.3#	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	81.557	-63.1#	123	0.00

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