Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
Data File : VY016679.D
Acq On : 16 Dec 2023 19:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 18 00:44:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 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	130	0.00
2	T	Dichlorodifluoromethane	50.000	57.670	-15.3	172	0.00
3	P	Chloromethane	50.000	43.678	12.6	126	0.00
4	C	Vinyl Chloride	50.000	41.343	17.3#	118	0.00
5	T	Bromomethane	50.000	40.818	18.4	122	0.00
6	T	Chloroethane	50.000	43.488	13.0	126	0.00
7	T	Trichlorofluoromethane	50.000	49.634	0.7	148	0.00
8	T	Diethyl Ether	50.000	55.378	-10.8	148	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.600	-7.2	158	0.00
10	T	Methyl Iodide	50.000	61.906	-23.8	177	0.00
11	T	Tert butyl alcohol	250.000	217.451	13.0	121	0.00
12	CM	1,1-Dichloroethene	50.000	56.343	-12.7#	164	0.00
13	T	Acrolein	250.000	189.961	24.0	106	0.00
14	T	Allyl chloride	50.000	55.550	-11.1	155	0.00
15	T	Acrylonitrile	250.000	228.302	8.7	119	0.00
16	T	Acetone	250.000	250.901	-0.4	136	0.00
17	T	Carbon Disulfide	50.000	55.646	-11.3	159	0.00
18	T	Methyl Acetate	50.000	60.176	-20.4	154	0.00
19	T	Methyl tert-butyl Ether	50.000	51.285	-2.6	136	0.00
20	T	Methylene Chloride	50.000	59.340	-18.7	160	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.785	0.4	143	0.00
22	T	Diisopropyl ether	50.000	50.569	-1.1	135	0.00
23	T	Vinyl Acetate	250.000	245.129	1.9	128	0.01
24	P	1,1-Dichloroethane	50.000	44.911	10.2	129	0.01
25	T	2-Butanone	250.000	267.229	-6.9	143	0.00
26	T	2,2-Dichloropropane	50.000	50.796	-1.6	146	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.858	-19.7	169	0.00
28	T	Bromochloromethane	50.000	53.935	-7.9	125	0.00
29	T	Tetrahydrofuran	250.000	293.840	-17.5	146	0.00
30	C	Chloroform	50.000	58.864	-17.7#	168	0.00
31	T	Cyclohexane	50.000	50.535	-1.1	151	0.00
32	T	1,1,1-Trichloroethane	50.000	57.006	-14.0	167	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.326	11.3	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	128	0.00
35	S	Dibromofluoromethane	50.000	46.938	6.1	109	0.00
36	T	1,1-Dichloropropene	50.000	55.612	-11.2	160	0.00
37	T	Ethyl Acetate	50.000	54.574	-9.1	142	0.00
38	T	Carbon Tetrachloride	50.000	58.724	-17.4	169	0.00
39	T	Methylcyclohexane	50.000	54.813	-9.6	155	0.00
40	TM	Benzene	50.000	57.950	-15.9	165	0.00
41	T	Methacrylonitrile	50.000	55.380	-10.8	142	0.00
42	TM	1,2-Dichloroethane	50.000	57.396	-14.8	157	0.00
43	T	Isopropyl Acetate	50.000	56.925	-13.8	147	0.00
44	TM	Trichloroethene	50.000	59.484	-19.0	174	0.00
45	C	1,2-Dichloropropane	50.000	58.994	-18.0#	162	0.00
46	T	Dibromomethane	50.000	60.274	-20.5	159	0.00
47	T	Bromodichloromethane	50.000	59.271	-18.5	163	0.00
48	T	Methyl methacrylate	50.000	59.404	-18.8	151	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	1223.911	-22.4	156	0.00
50	S	Toluene-d8	50.000	45.242	9.5	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.823	-15.5	145	0.00
52	CM	Toluene	50.000	59.457	-18.9#	167	0.00
53	T	t-1,3-Dichloropropene	50.000	59.238	-18.5	158	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.711	-19.4	163	0.00
55	T	1,1,2-Trichloroethane	50.000	60.098	-20.2	164	0.00
56	T	Ethyl methacrylate	50.000	64.656	-29.3#	162	0.00
57	T	1,3-Dichloropropane	50.000	61.014	-22.0	163	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.528	7.4	112	0.00
59	T	2-Hexanone	250.000	245.851	1.7	140	0.00
60	T	Dibromochloromethane	50.000	62.751	-25.5#	172	0.00
61	T	1,2-Dibromoethane	50.000	62.089	-24.2	167	0.00
62	S	4-Bromofluorobenzene	50.000	46.505	7.0	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	129	0.00
64	T	Tetrachloroethene	50.000	62.855	-25.7#	184	0.00
65	PM	Chlorobenzene	50.000	59.031	-18.1	171	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	60.530	-21.1	175	0.00
67	C	Ethyl Benzene	50.000	58.174	-16.3#	168	0.00
68	T	m/p-Xylenes	100.000	117.770	-17.8	168	0.00
69	T	o-Xylene	50.000	60.269	-20.5	173	0.00
70	T	Styrene	50.000	61.970	-23.9	171	0.00
71	P	Bromoform	50.000	63.227	-26.5#	171	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	129	0.00
73	T	Isopropylbenzene	50.000	57.650	-15.3	170	0.00
74	T	N-amyl acetate	50.000	56.358	-12.7	148	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.865	-13.7	160	0.00
76	T	1,2,3-Trichloropropane	50.000	56.900	-13.8	158	0.00
77	T	Bromobenzene	50.000	59.540	-19.1	173	0.00
78	T	n-propylbenzene	50.000	56.306	-12.6	166	0.00
79	T	2-Chlorotoluene	50.000	57.655	-15.3	170	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.608	-19.2	174	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.320	-10.6	150	0.00
82	T	4-Chlorotoluene	50.000	58.101	-16.2	170	0.00
83	T	tert-Butylbenzene	50.000	58.876	-17.8	172	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.496	-19.0	172	0.00
85	T	sec-Butylbenzene	50.000	56.892	-13.8	165	0.00
86	T	p-Isopropyltoluene	50.000	58.869	-17.7	169	0.00
87	T	1,3-Dichlorobenzene	50.000	58.179	-16.4	171	0.00
88	T	1,4-Dichlorobenzene	50.000	58.203	-16.4	171	0.00
89	T	n-Butylbenzene	50.000	56.011	-12.0	161	0.00
90	T	Hexachloroethane	50.000	39.283	21.4	119	0.00
91	T	1,2-Dichlorobenzene	50.000	59.942	-19.9	173	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	34.288	31.4#	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	33.857	32.3#	95	0.00
94	T	Hexachlorobutadiene	50.000	29.896	40.2#	91	0.00
95	T	Naphthalene	50.000	37.629	24.7	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	34.415	31.2#	93	0.00

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