Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
Data File : VY016661.D
Acq On : 15 Dec 2023 19:07
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121523

Quant Time: Dec 16 00:45:54 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	54.477	-9.0	136	0.00
3	P	Chloromethane	50.000	53.200	-6.4	128	0.00
4	C	Vinyl Chloride	50.000	54.322	-8.6#	129	0.00
5	T	Bromomethane	50.000	51.645	-3.3	129	0.00
6	T	Chloroethane	50.000	53.134	-6.3	129	0.00
7	T	Trichlorofluoromethane	50.000	53.057	-6.1	132	0.00
8	T	Diethyl Ether	50.000	54.447	-8.9	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.134	-6.3	131	0.00
10	T	Methyl Iodide	50.000	55.583	-11.2	133	0.00
11	T	Tert butyl alcohol	250.000	251.084	-0.4	117	-0.01
12	CM	1,1-Dichloroethene	50.000	54.887	-9.8#	133	0.00
13	T	Acrolein	250.000	218.252	12.7	100	-0.01
14	T	Allyl chloride	50.000	53.938	-7.9	125	0.00
15	T	Acrylonitrile	250.000	269.716	-7.9	117	0.00
16	T	Acetone	250.000	248.560	0.6	113	0.00
17	T	Carbon Disulfide	50.000	53.508	-7.0	128	0.00
18	T	Methyl Acetate	50.000	54.697	-9.4	117	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.658	-13.3	125	-0.01
20	T	Methylene Chloride	50.000	56.050	-12.1	127	-0.01
21	T	trans-1,2-Dichloroethene	50.000	54.226	-8.5	130	0.00
22	T	Diisopropyl ether	50.000	56.337	-12.7	125	0.00
23	T	Vinyl Acetate	250.000	280.689	-12.3	122	0.00
24	P	1,1-Dichloroethane	50.000	53.526	-7.1	128	0.00
25	T	2-Butanone	250.000	255.113	-2.0	114	0.00
26	T	2,2-Dichloropropane	50.000	54.034	-8.1	130	-0.01
27	T	cis-1,2-Dichloroethene	50.000	55.513	-11.0	131	0.00
28	T	Bromochloromethane	50.000	56.714	-13.4	110	0.00
29	T	Tetrahydrofuran	250.000	276.616	-10.6	115	0.00
30	C	Chloroform	50.000	54.303	-8.6#	129	0.00
31	T	Cyclohexane	50.000	52.214	-4.4	130	0.00
32	T	1,1,1-Trichloroethane	50.000	54.409	-8.8	133	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.195	7.6	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	47.043	5.9	90	0.00
36	T	1,1-Dichloropropene	50.000	54.776	-9.6	130	0.00
37	T	Ethyl Acetate	50.000	54.039	-8.1	116	0.00
38	T	Carbon Tetrachloride	50.000	56.117	-12.2	133	0.00
39	T	Methylcyclohexane	50.000	56.361	-12.7	132	0.00
40	TM	Benzene	50.000	54.249	-8.5	128	0.00
41	T	Methacrylonitrile	50.000	55.792	-11.6	119	-0.01
42	TM	1,2-Dichloroethane	50.000	55.170	-10.3	124	0.00
43	T	Isopropyl Acetate	50.000	56.424	-12.8	120	0.00
44	TM	Trichloroethene	50.000	54.900	-9.8	133	0.00
45	C	1,2-Dichloropropane	50.000	55.243	-10.5#	126	0.00
46	T	Dibromomethane	50.000	55.876	-11.8	122	0.00
47	T	Bromodichloromethane	50.000	55.483	-11.0	126	0.00
48	T	Methyl methacrylate	50.000	57.971	-15.9	122	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1100.425	-10.0	116	0.00
50	S	Toluene-d8	50.000	45.768	8.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.679	-10.7	115	0.00
52	CM	Toluene	50.000	55.014	-10.0#	128	0.00
53	T	t-1,3-Dichloropropene	50.000	56.744	-13.5	125	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.630	-11.3	126	0.00
55	T	1,1,2-Trichloroethane	50.000	54.845	-9.7	124	0.00
56	T	Ethyl methacrylate	50.000	58.862	-17.7	122	0.00
57	T	1,3-Dichloropropane	50.000	56.125	-12.3	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	210.514	15.8	83	0.00
59	T	2-Hexanone	250.000	240.637	3.7	114	0.00
60	T	Dibromochloromethane	50.000	54.842	-9.7	124	0.00
61	T	1,2-Dibromoethane	50.000	55.748	-11.5	124	0.00
62	S	4-Bromofluorobenzene	50.000	45.777	8.4	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	54.306	-8.6	129	0.00
65	PM	Chlorobenzene	50.000	54.828	-9.7	129	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.883	-11.8	131	0.00
67	C	Ethyl Benzene	50.000	55.458	-10.9#	130	0.00
68	T	m/p-Xylenes	100.000	112.257	-12.3	130	0.00
69	T	o-Xylene	50.000	56.770	-13.5	132	0.00
70	T	Styrene	50.000	57.553	-15.1	129	0.00
71	P	Bromoform	50.000	55.843	-11.7	123	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	55.542	-11.1	131	0.00
74	T	N-amyl acetate	50.000	56.614	-13.2	119	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.634	-7.3	121	0.00
76	T	1,2,3-Trichloropropane	50.000	50.935	-1.9	113	0.00
77	T	Bromobenzene	50.000	54.805	-9.6	127	0.00
78	T	n-propylbenzene	50.000	54.870	-9.7	130	0.00
79	T	2-Chlorotoluene	50.000	54.789	-9.6	130	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.474	-12.9	132	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.581	-7.2	116	0.00
82	T	4-Chlorotoluene	50.000	54.414	-8.8	128	0.00
83	T	tert-Butylbenzene	50.000	54.970	-9.9	129	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.855	-11.7	129	0.00
85	T	sec-Butylbenzene	50.000	55.858	-11.7	130	0.00
86	T	p-Isopropyltoluene	50.000	57.020	-14.0	131	0.00
87	T	1,3-Dichlorobenzene	50.000	54.841	-9.7	129	0.00
88	T	1,4-Dichlorobenzene	50.000	55.091	-10.2	130	0.00
89	T	n-Butylbenzene	50.000	56.472	-12.9	130	0.00
90	T	Hexachloroethane	50.000	53.239	-6.5	129	0.00
91	T	1,2-Dichlorobenzene	50.000	55.566	-11.1	128	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.079	-8.2	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.481	-17.0	131	0.00
94	T	Hexachlorobutadiene	50.000	53.546	-7.1	130	0.00
95	T	Naphthalene	50.000	60.185	-20.4	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.805	-17.6	128	0.00

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