Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD078006.D
Acq On : 20 Dec 2023 20:50
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 21 05:29:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	41.679	16.6	62	0.00
3	P	Chloromethane	50.000	47.940	4.1	69	0.00
4	C	Vinyl Chloride	50.000	51.095	-2.2#	71	0.00
5	T	Bromomethane	50.000	72.736	-45.5#	100	0.00
6	T	Chloroethane	50.000	56.023	-12.0	78	0.00
7	T	Trichlorofluoromethane	50.000	47.214	5.6	66	0.00
8	T	Diethyl Ether	50.000	51.779	-3.6	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.717	-1.4	70	0.02
10	T	Methyl Iodide	50.000	62.497	-25.0	91	0.00
11	T	Tert butyl alcohol	250.000	265.897	-6.4	77	0.01
12	CM	1,1-Dichloroethene	50.000	48.839	2.3#	67	0.00
13	T	Acrolein	250.000	159.399	36.2#	46	0.00
14	T	Allyl chloride	50.000	47.584	4.8	67	0.00
15	T	Acrylonitrile	250.000	263.570	-5.4	75	0.00
16	T	Acetone	250.000	243.845	2.5	75	0.00
17	T	Carbon Disulfide	50.000	41.918	16.2	59	0.00
18	T	Methyl Acetate	50.000	58.374	-16.7	83	0.00
19	T	Methyl tert-butyl Ether	50.000	55.575	-11.2	78	0.00
20	T	Methylene Chloride	50.000	56.177	-12.4	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.114	-4.2	70	0.00
22	T	Diisopropyl ether	50.000	52.384	-4.8	72	0.00
23	T	Vinyl Acetate	250.000	241.889	3.2	66	0.00
24	P	1,1-Dichloroethane	50.000	52.719	-5.4	73	0.00
25	T	2-Butanone	250.000	255.051	-2.0	77	0.00
26	T	2,2-Dichloropropane	50.000	50.334	-0.7	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.254	-14.5	78	0.00
28	T	Bromochloromethane	50.000	49.097	1.8	68	0.00
29	T	Tetrahydrofuran	250.000	259.503	-3.8	74	0.00
30	C	Chloroform	50.000	56.756	-13.5#	78	0.00
31	T	Cyclohexane	50.000	41.941	16.1	59	0.00
32	T	1,1,1-Trichloroethane	50.000	52.994	-6.0	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.138	-14.3	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	59.566	-19.1	84	0.00
36	T	1,1-Dichloropropene	50.000	48.558	2.9	68	0.00
37	T	Ethyl Acetate	50.000	43.142	13.7	70	0.00
38	T	Carbon Tetrachloride	50.000	49.252	1.5	69	0.00
39	T	Methylcyclohexane	50.000	46.249	7.5	63	0.00
40	TM	Benzene	50.000	52.385	-4.8	74	0.00
41	T	Methacrylonitrile	50.000	55.107	-10.2	86	0.00
42	TM	1,2-Dichloroethane	50.000	54.731	-9.5	78	0.00
43	T	Isopropyl Acetate	50.000	49.769	0.5	73	0.00
44	TM	Trichloroethene	50.000	52.040	-4.1	72	0.00
45	C	1,2-Dichloropropane	50.000	54.188	-8.4#	77	0.00
46	T	Dibromomethane	50.000	57.181	-14.4	81	0.00
47	T	Bromodichloromethane	50.000	56.259	-12.5	79	0.00
48	T	Methyl methacrylate	50.000	49.911	0.2	72	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	1046.704	-4.7	85	0.00
50	S	Toluene-d8	50.000	57.038	-14.1	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.529	-3.4	74	0.00
52	CM	Toluene	50.000	54.880	-9.8#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	54.832	-9.7	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.887	-7.8	75	0.00
55	T	1,1,2-Trichloroethane	50.000	57.253	-14.5	81	0.00
56	T	Ethyl methacrylate	50.000	56.115	-12.2	79	0.00
57	T	1,3-Dichloropropane	50.000	56.381	-12.8	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	223.153	10.7	69	0.00
59	T	2-Hexanone	250.000	222.132	11.1	73	0.00
60	T	Dibromochloromethane	50.000	58.539	-17.1	82	0.00
61	T	1,2-Dibromoethane	50.000	57.785	-15.6	84	0.00
62	S	4-Bromofluorobenzene	50.000	57.653	-15.3	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	50.645	-1.3	72	0.00
65	PM	Chlorobenzene	50.000	51.683	-3.4	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.981	-10.0	79	0.00
67	C	Ethyl Benzene	50.000	52.150	-4.3#	74	0.00
68	T	m/p-Xylenes	100.000	106.773	-6.8	74	0.00
69	T	o-Xylene	50.000	53.861	-7.7	76	0.00
70	T	Styrene	50.000	55.915	-11.8	78	0.00
71	P	Bromoform	50.000	55.374	-10.7	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	50.815	-1.6	74	0.00
74	T	N-amyl acetate	50.000	45.724	8.6	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.229	-8.5	81	0.00
76	T	1,2,3-Trichloropropane	50.000	55.797	-11.6	73	0.00
77	T	Bromobenzene	50.000	53.581	-7.2	81	0.00
78	T	n-propylbenzene	50.000	50.872	-1.7	73	0.00
79	T	2-Chlorotoluene	50.000	51.579	-3.2	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.655	-3.3	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.938	-5.9	81	0.00
82	T	4-Chlorotoluene	50.000	53.196	-6.4	78	0.00
83	T	tert-Butylbenzene	50.000	53.378	-6.8	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.106	-6.2	76	0.00
85	T	sec-Butylbenzene	50.000	52.670	-5.3	75	0.00
86	T	p-Isopropyltoluene	50.000	53.487	-7.0	75	0.00
87	T	1,3-Dichlorobenzene	50.000	53.780	-7.6	78	0.00
88	T	1,4-Dichlorobenzene	50.000	52.335	-4.7	77	0.00
89	T	n-Butylbenzene	50.000	52.483	-5.0	73	0.00
90	T	Hexachloroethane	50.000	56.852	-13.7	82	0.00
91	T	1,2-Dichlorobenzene	50.000	52.912	-5.8	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.006	-10.0	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.563	0.9	77	0.00
94	T	Hexachlorobutadiene	50.000	48.942	2.1	71	0.00
95	T	Naphthalene	50.000	54.989	-10.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.483	-3.0	78	0.00

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