Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
Data File : VD075205.D
Acq On : 25 Jan 2023 17:54
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 26 03:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	48.633	2.7	80	0.00
3	P	Chloromethane	50.000	47.196	5.6	78	0.00
4	C	Vinyl Chloride	50.000	47.411	5.2#	78	0.00
5	T	Bromomethane	50.000	45.126	9.7	73	0.00
6	T	Chloroethane	50.000	46.572	6.9	73	0.00
7	T	Trichlorofluoromethane	50.000	50.688	-1.4	81	0.00
8	T	Diethyl Ether	50.000	49.696	0.6	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.985	-6.0	86	0.00
10	T	Methyl Iodide	50.000	47.104	5.8	67	0.00
11	T	Tert butyl alcohol	250.000	185.174	25.9#	61	0.00
12	CM	1,1-Dichloroethene	50.000	50.512	-1.0#	79	0.00
13	T	Acrolein	250.000	303.080	-21.2	92	0.00
14	T	Allyl chloride	50.000	50.549	-1.1	75	0.00
15	T	Acrylonitrile	250.000	267.093	-6.8	76	0.00
16	T	Acetone	250.000	251.424	-0.6	65	0.00
17	T	Carbon Disulfide	50.000	49.533	0.9	78	0.00
18	T	Methyl Acetate	50.000	50.955	-1.9	75	0.00
19	T	Methyl tert-butyl Ether	50.000	51.208	-2.4	73	0.00
20	T	Methylene Chloride	50.000	49.013	2.0	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.688	-1.4	76	0.00
22	T	Diisopropyl ether	50.000	53.069	-6.1	78	0.00
23	T	Vinyl Acetate	250.000	249.241	0.3	75	0.00
24	P	1,1-Dichloroethane	50.000	53.412	-6.8	81	0.00
25	T	2-Butanone	250.000	252.425	-1.0	70	0.00
26	T	2,2-Dichloropropane	50.000	48.962	2.1	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.055	-4.1	77	0.00
28	T	Bromochloromethane	50.000	49.996	0.0	77	0.00
29	T	Tetrahydrofuran	250.000	250.491	-0.2	71	0.00
30	C	Chloroform	50.000	52.145	-4.3#	78	0.00
31	T	Cyclohexane	50.000	49.526	0.9	84	0.00
32	T	1,1,1-Trichloroethane	50.000	52.537	-5.1	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.307	-8.6	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	52.817	-5.6	76	0.00
36	T	1,1-Dichloropropene	50.000	52.927	-5.9	83	0.00
37	T	Ethyl Acetate	50.000	52.698	-5.4	78	0.00
38	T	Carbon Tetrachloride	50.000	54.417	-8.8	84	0.00
39	T	Methylcyclohexane	50.000	51.869	-3.7	84	0.00
40	TM	Benzene	50.000	54.081	-8.2	80	0.00
41	T	Methacrylonitrile	50.000	56.288	-12.6	89	0.00
42	TM	1,2-Dichloroethane	50.000	53.478	-7.0	78	0.00
43	T	Isopropyl Acetate	50.000	50.193	-0.4	73	0.00
44	TM	Trichloroethene	50.000	50.066	-0.1	75	0.00
45	C	1,2-Dichloropropane	50.000	52.429	-4.9#	78	0.00
46	T	Dibromomethane	50.000	53.666	-7.3	78	0.00
47	T	Bromodichloromethane	50.000	53.185	-6.4	77	0.00
48	T	Methyl methacrylate	50.000	50.320	-0.6	76	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	900.796	9.9	67	0.00
50	S	Toluene-d8	50.000	53.432	-6.9	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.727	-6.7	78	0.00
52	CM	Toluene	50.000	52.312	-4.6#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	52.198	-4.4	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.524	-7.0	76	0.00
55	T	1,1,2-Trichloroethane	50.000	53.526	-7.1	77	0.00
56	T	Ethyl methacrylate	50.000	53.775	-7.5	76	0.00
57	T	1,3-Dichloropropane	50.000	54.038	-8.1	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.549	3.8	75	0.00
59	T	2-Hexanone	250.000	258.994	-3.6	73	0.00
60	T	Dibromochloromethane	50.000	53.059	-6.1	76	0.00
61	T	1,2-Dibromoethane	50.000	51.838	-3.7	75	0.00
62	S	4-Bromofluorobenzene	50.000	52.297	-4.6	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	48.004	4.0	76	0.00
65	PM	Chlorobenzene	50.000	50.933	-1.9	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.697	-5.4	81	0.00
67	C	Ethyl Benzene	50.000	52.429	-4.9#	81	0.00
68	T	m/p-Xylenes	100.000	104.904	-4.9	81	0.00
69	T	o-Xylene	50.000	52.035	-4.1	78	0.00
70	T	Styrene	50.000	53.594	-7.2	80	0.00
71	P	Bromoform	50.000	51.857	-3.7	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	48.748	2.5	81	0.00
74	T	N-amyl acetate	50.000	45.743	8.5	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.499	-1.0	80	0.00
76	T	1,2,3-Trichloropropane	50.000	55.716	-11.4	96	0.00
77	T	Bromobenzene	50.000	46.081	7.8	73	0.00
78	T	n-propylbenzene	50.000	50.012	-0.0	83	0.00
79	T	2-Chlorotoluene	50.000	48.515	3.0	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.265	-0.5	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.115	5.8	76	0.00
82	T	4-Chlorotoluene	50.000	48.756	2.5	80	0.00
83	T	tert-Butylbenzene	50.000	49.206	1.6	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.181	-0.4	82	0.00
85	T	sec-Butylbenzene	50.000	50.132	-0.3	84	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	83	0.00
87	T	1,3-Dichlorobenzene	50.000	49.648	0.7	80	0.00
88	T	1,4-Dichlorobenzene	50.000	48.900	2.2	79	0.00
89	T	n-Butylbenzene	50.000	50.028	-0.1	84	0.00
90	T	Hexachloroethane	50.000	49.759	0.5	84	0.00
91	T	1,2-Dichlorobenzene	50.000	49.528	0.9	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.893	-1.8	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.001	8.0	73	0.00
94	T	Hexachlorobutadiene	50.000	46.615	6.8	77	0.00
95	T	Naphthalene	50.000	44.384	11.2	73	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.308	7.4	74	0.00

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