Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
Data File : VD075193.D
Acq On : 25 Jan 2023 09:19
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 25 15:53:43 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	50.529	-1.1	89	0.00
3	P	Chloromethane	50.000	49.696	0.6	87	0.00
4	C	Vinyl Chloride	50.000	47.198	5.6#	82	0.00
5	T	Bromomethane	50.000	46.789	6.4	81	0.00
6	T	Chloroethane	50.000	48.407	3.2	81	0.00
7	T	Trichlorofluoromethane	50.000	51.365	-2.7	88	0.00
8	T	Diethyl Ether	50.000	49.007	2.0	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.125	-6.3	92	0.00
10	T	Methyl Iodide	50.000	46.830	6.3	71	0.00
11	T	Tert butyl alcohol	250.000	191.069	23.6	67	0.00
12	CM	1,1-Dichloroethene	50.000	50.387	-0.8#	85	0.00
13	T	Acrolein	250.000	265.050	-6.0	87	0.00
14	T	Allyl chloride	50.000	50.584	-1.2	80	0.00
15	T	Acrylonitrile	250.000	261.995	-4.8	80	0.00
16	T	Acetone	250.000	294.931	-18.0	82	0.00
17	T	Carbon Disulfide	50.000	50.182	-0.4	84	0.00
18	T	Methyl Acetate	50.000	52.722	-5.4	82	0.00
19	T	Methyl tert-butyl Ether	50.000	52.452	-4.9	80	0.00
20	T	Methylene Chloride	50.000	48.022	4.0	70	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.531	-3.1	83	0.00
22	T	Diisopropyl ether	50.000	51.653	-3.3	81	0.00
23	T	Vinyl Acetate	250.000	257.479	-3.0	82	0.00
24	P	1,1-Dichloroethane	50.000	51.971	-3.9	84	0.00
25	T	2-Butanone	250.000	274.066	-9.6	81	0.00
26	T	2,2-Dichloropropane	50.000	50.134	-0.3	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.939	-5.9	84	0.00
28	T	Bromochloromethane	50.000	49.403	1.2	81	0.00
29	T	Tetrahydrofuran	250.000	265.185	-6.1	80	0.00
30	C	Chloroform	50.000	53.236	-6.5#	85	0.00
31	T	Cyclohexane	50.000	50.006	-0.0	90	0.00
32	T	1,1,1-Trichloroethane	50.000	52.476	-5.0	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.663	-3.3	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	53.294	-6.6	81	0.00
36	T	1,1-Dichloropropene	50.000	53.376	-6.8	88	0.00
37	T	Ethyl Acetate	50.000	54.937	-9.9	86	0.00
38	T	Carbon Tetrachloride	50.000	56.688	-13.4	92	0.00
39	T	Methylcyclohexane	50.000	52.488	-5.0	89	0.00
40	TM	Benzene	50.000	53.119	-6.2	83	0.00
41	T	Methacrylonitrile	50.000	49.847	0.3	83	0.00
42	TM	1,2-Dichloroethane	50.000	53.938	-7.9	83	0.00
43	T	Isopropyl Acetate	50.000	53.111	-6.2	82	0.00
44	TM	Trichloroethene	50.000	51.888	-3.8	82	0.00
45	C	1,2-Dichloropropane	50.000	52.837	-5.7#	82	0.00
46	T	Dibromomethane	50.000	55.388	-10.8	84	0.00
47	T	Bromodichloromethane	50.000	54.191	-8.4	83	0.00
48	T	Methyl methacrylate	50.000	53.124	-6.2	85	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	1058.983	-5.9	83	0.00
50	S	Toluene-d8	50.000	53.506	-7.0	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.536	-8.6	84	0.00
52	CM	Toluene	50.000	53.091	-6.2#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	52.105	-4.2	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.985	-6.0	80	0.00
55	T	1,1,2-Trichloroethane	50.000	55.432	-10.9	84	0.00
56	T	Ethyl methacrylate	50.000	54.030	-8.1	80	0.00
57	T	1,3-Dichloropropane	50.000	53.813	-7.6	80	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.227	-2.1	83	0.00
59	T	2-Hexanone	250.000	286.358	-14.5	85	0.00
60	T	Dibromochloromethane	50.000	54.289	-8.6	82	0.00
61	T	1,2-Dibromoethane	50.000	53.589	-7.2	82	0.00
62	S	4-Bromofluorobenzene	50.000	53.304	-6.6	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	49.681	0.6	81	0.00
65	PM	Chlorobenzene	50.000	53.136	-6.3	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.096	-6.2	84	0.00
67	C	Ethyl Benzene	50.000	54.186	-8.4#	86	0.00
68	T	m/p-Xylenes	100.000	108.143	-8.1	86	0.00
69	T	o-Xylene	50.000	53.564	-7.1	83	0.00
70	T	Styrene	50.000	54.524	-9.0	84	0.00
71	P	Bromoform	50.000	54.361	-8.7	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	49.911	0.2	86	0.00
74	T	N-amyl acetate	50.000	47.572	4.9	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.456	-2.9	84	0.00
76	T	1,2,3-Trichloropropane	50.000	46.579	6.8	83	0.00
77	T	Bromobenzene	50.000	47.918	4.2	78	0.00
78	T	n-propylbenzene	50.000	50.805	-1.6	87	0.00
79	T	2-Chlorotoluene	50.000	50.215	-0.4	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.782	-1.6	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.683	-1.4	84	0.00
82	T	4-Chlorotoluene	50.000	50.301	-0.6	85	0.00
83	T	tert-Butylbenzene	50.000	50.381	-0.8	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.420	-2.8	87	0.00
85	T	sec-Butylbenzene	50.000	51.548	-3.1	89	0.00
86	T	p-Isopropyltoluene	50.000	51.495	-3.0	88	0.00
87	T	1,3-Dichlorobenzene	50.000	50.954	-1.9	85	0.00
88	T	1,4-Dichlorobenzene	50.000	50.802	-1.6	85	0.00
89	T	n-Butylbenzene	50.000	51.433	-2.9	89	0.00
90	T	Hexachloroethane	50.000	51.153	-2.3	89	0.00
91	T	1,2-Dichlorobenzene	50.000	50.062	-0.1	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.172	-4.3	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.621	4.8	78	0.00
94	T	Hexachlorobutadiene	50.000	48.891	2.2	83	0.00
95	T	Naphthalene	50.000	45.986	8.0	78	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	47.639	4.7	78	0.00

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