Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
Data File : VD075011.D
Acq On : 21 Nov 2022 18:38
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 22 00:19:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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	52.949	-5.9	76	0.00
3	P	Chloromethane	50.000	55.029	-10.1	74	0.00
4	C	Vinyl Chloride	50.000	51.949	-3.9#	76	0.00
5	T	Bromomethane	50.000	56.977	-14.0	83	0.00
6	T	Chloroethane	50.000	55.320	-10.6	82	0.00
7	T	Trichlorofluoromethane	50.000	59.179	-18.4	89	0.00
8	T	Diethyl Ether	50.000	55.982	-12.0	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	60.234	-20.5	89	0.00
10	T	Methyl Iodide	50.000	61.526	-23.1	95	0.00
11	T	Tert butyl alcohol	250.000	242.716	2.9	72	0.00
12	CM	1,1-Dichloroethene	50.000	58.243	-16.5#	84	0.00
13	T	Acrolein	250.000	173.871	30.5#	54	0.00
14	T	Allyl chloride	50.000	57.964	-15.9	81	0.00
15	T	Acrylonitrile	250.000	298.115	-19.2	84	0.00
16	T	Acetone	250.000	293.758	-17.5	85	0.00
17	T	Carbon Disulfide	50.000	51.657	-3.3	75	0.00
18	T	Methyl Acetate	50.000	57.889	-15.8	87	0.00
19	T	Methyl tert-butyl Ether	50.000	58.973	-17.9	82	0.00
20	T	Methylene Chloride	50.000	64.300	-28.6#	83	0.01
21	T	trans-1,2-Dichloroethene	50.000	59.996	-20.0	85	0.01
22	T	Diisopropyl ether	50.000	63.466	-26.9#	85	0.00
23	T	Vinyl Acetate	250.000	255.669	-2.3	68	0.00
24	P	1,1-Dichloroethane	50.000	60.778	-21.6	86	0.00
25	T	2-Butanone	250.000	245.671	1.7	72	0.00
26	T	2,2-Dichloropropane	50.000	48.294	3.4	71	0.01
27	T	cis-1,2-Dichloroethene	50.000	51.028	-2.1	72	0.00
28	T	Bromochloromethane	50.000	55.080	-10.2	78	0.00
29	T	Tetrahydrofuran	250.000	251.752	-0.7	69	0.00
30	C	Chloroform	50.000	53.131	-6.3#	76	0.00
31	T	Cyclohexane	50.000	47.205	5.6	70	0.00
32	T	1,1,1-Trichloroethane	50.000	52.639	-5.3	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.571	-23.1	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	50.221	-0.4	83	0.00
36	T	1,1-Dichloropropene	50.000	46.843	6.3	73	0.00
37	T	Ethyl Acetate	50.000	45.161	9.7	70	0.01
38	T	Carbon Tetrachloride	50.000	46.190	7.6	72	0.00
39	T	Methylcyclohexane	50.000	49.667	0.7	78	0.00
40	TM	Benzene	50.000	49.572	0.9	75	0.00
41	T	Methacrylonitrile	50.000	48.963	2.1	77	0.00
42	TM	1,2-Dichloroethane	50.000	48.697	2.6	73	0.00
43	T	Isopropyl Acetate	50.000	47.603	4.8	74	0.00
44	TM	Trichloroethene	50.000	53.816	-7.6	86	0.00
45	C	1,2-Dichloropropane	50.000	53.860	-7.7#	84	0.00
46	T	Dibromomethane	50.000	53.372	-6.7	86	0.00
47	T	Bromodichloromethane	50.000	54.945	-9.9	87	0.00
48	T	Methyl methacrylate	50.000	50.579	-1.2	78	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	994.576	0.5	75	0.00
50	S	Toluene-d8	50.000	54.470	-8.9	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.055	-6.8	81	0.00
52	CM	Toluene	50.000	56.887	-13.8#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	52.996	-6.0	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.384	-8.8	83	0.00
55	T	1,1,2-Trichloroethane	50.000	56.702	-13.4	88	0.00
56	T	Ethyl methacrylate	50.000	49.726	0.5	83	0.00
57	T	1,3-Dichloropropane	50.000	56.168	-12.3	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.863	1.3	87	0.00
59	T	2-Hexanone	250.000	270.007	-8.0	82	0.00
60	T	Dibromochloromethane	50.000	56.890	-13.8	87	0.00
61	T	1,2-Dibromoethane	50.000	54.853	-9.7	86	0.00
62	S	4-Bromofluorobenzene	50.000	60.430	-20.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	49.553	0.9	86	0.00
65	PM	Chlorobenzene	50.000	53.200	-6.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.173	-6.3	90	0.00
67	C	Ethyl Benzene	50.000	53.985	-8.0#	88	0.00
68	T	m/p-Xylenes	100.000	106.865	-6.9	87	0.00
69	T	o-Xylene	50.000	54.367	-8.7	87	0.00
70	T	Styrene	50.000	55.740	-11.5	89	0.00
71	P	Bromoform	50.000	53.181	-6.4	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	53.616	-7.2	89	0.00
74	T	N-amyl acetate	50.000	46.940	6.1	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.611	-1.2	88	0.00
76	T	1,2,3-Trichloropropane	50.000	41.927	16.1	76	0.00
77	T	Bromobenzene	50.000	52.506	-5.0	90	0.00
78	T	n-propylbenzene	50.000	53.398	-6.8	89	0.00
79	T	2-Chlorotoluene	50.000	53.323	-6.6	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.738	-7.5	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.801	10.4	79	0.00
82	T	4-Chlorotoluene	50.000	53.762	-7.5	91	0.00
83	T	tert-Butylbenzene	50.000	53.436	-6.9	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.979	-8.0	90	0.00
85	T	sec-Butylbenzene	50.000	53.795	-7.6	91	0.00
86	T	p-Isopropyltoluene	50.000	54.656	-9.3	91	0.00
87	T	1,3-Dichlorobenzene	50.000	52.148	-4.3	90	0.00
88	T	1,4-Dichlorobenzene	50.000	51.338	-2.7	90	0.00
89	T	n-Butylbenzene	50.000	54.127	-8.3	90	0.00
90	T	Hexachloroethane	50.000	54.229	-8.5	93	0.00
91	T	1,2-Dichlorobenzene	50.000	53.120	-6.2	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.116	5.8	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.839	-3.7	89	0.00
94	T	Hexachlorobutadiene	50.000	53.161	-6.3	95	0.00
95	T	Naphthalene	50.000	49.901	0.2	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.620	-3.2	88	0.00

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