Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
Data File : VD076722.D
Acq On : 12 Jul 2023 09:14
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 12 09:33:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 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	112	0.00
2	T	Dichlorodifluoromethane	50.000	49.738	0.5	123	0.00
3	P	Chloromethane	50.000	46.496	7.0	110	0.00
4	C	Vinyl Chloride	50.000	58.600	-17.2#	135	0.00
5	T	Bromomethane	50.000	63.991	-28.0#	158	0.00
6	T	Chloroethane	50.000	62.151	-24.3	146	0.00
7	T	Trichlorofluoromethane	50.000	50.757	-1.5	127	0.00
8	T	Diethyl Ether	50.000	45.963	8.1	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.756	-9.5	134	0.00
10	T	Methyl Iodide	50.000	41.862	16.3	90	0.00
11	T	Tert butyl alcohol	250.000	206.833	17.3	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.141	1.7#	116	0.00
13	T	Acrolein	250.000	185.514	25.8#	86	0.00
14	T	Allyl chloride	50.000	39.744	20.5	90	0.00
15	T	Acrylonitrile	250.000	235.375	5.9	101	0.00
16	T	Acetone	250.000	264.419	-5.8	109	0.00
17	T	Carbon Disulfide	50.000	46.623	6.8	108	0.00
18	T	Methyl Acetate	50.000	41.199	17.6	89	0.00
19	T	Methyl tert-butyl Ether	50.000	50.450	-0.9	110	0.00
20	T	Methylene Chloride	50.000	45.553	8.9	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.077	-0.2	114	0.00
22	T	Diisopropyl ether	50.000	44.516	11.0	96	0.00
23	T	Vinyl Acetate	250.000	222.563	11.0	94	0.00
24	P	1,1-Dichloroethane	50.000	50.720	-1.4	113	-0.01
25	T	2-Butanone	250.000	232.144	7.1	99	0.00
26	T	2,2-Dichloropropane	50.000	50.008	-0.0	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.139	-2.3	112	0.00
28	T	Bromochloromethane	50.000	45.863	8.3	100	0.00
29	T	Tetrahydrofuran	250.000	207.696	16.9	90	0.00
30	C	Chloroform	50.000	53.377	-6.8#	119	0.00
31	T	Cyclohexane	50.000	52.970	-5.9	125	0.00
32	T	1,1,1-Trichloroethane	50.000	59.570	-19.1	138	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.454	-2.9	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	53.363	-6.7	123	0.00
36	T	1,1-Dichloropropene	50.000	54.605	-9.2	135	0.00
37	T	Ethyl Acetate	50.000	40.259	19.5	95	0.00
38	T	Carbon Tetrachloride	50.000	56.882	-13.8	138	0.00
39	T	Methylcyclohexane	50.000	54.323	-8.6	136	0.00
40	TM	Benzene	50.000	54.555	-9.1	128	0.00
41	T	Methacrylonitrile	50.000	42.513	15.0	94	0.00
42	TM	1,2-Dichloroethane	50.000	53.191	-6.4	119	0.00
43	T	Isopropyl Acetate	50.000	43.450	13.1	99	0.00
44	TM	Trichloroethene	50.000	51.792	-3.6	124	0.00
45	C	1,2-Dichloropropane	50.000	52.760	-5.5#	122	0.00
46	T	Dibromomethane	50.000	54.296	-8.6	122	0.00
47	T	Bromodichloromethane	50.000	57.105	-14.2	132	0.00
48	T	Methyl methacrylate	50.000	44.666	10.7	99	0.00

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Instrument :
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LabSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
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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	1099.130	-9.9	128	0.00
50	S	Toluene-d8	50.000	49.803	0.4	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	226.532	9.4	100	0.00
52	CM	Toluene	50.000	52.590	-5.2#	123	0.00
53	T	t-1,3-Dichloropropene	50.000	50.535	-1.1	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.188	-4.4	120	0.00
55	T	1,1,2-Trichloroethane	50.000	49.280	1.4	113	0.00
56	T	Ethyl methacrylate	50.000	48.465	3.1	108	0.00
57	T	1,3-Dichloropropane	50.000	48.224	3.6	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	234.065	6.4	111	0.00
59	T	2-Hexanone	250.000	221.282	11.5	97	0.00
60	T	Dibromochloromethane	50.000	48.091	3.8	109	0.00
61	T	1,2-Dibromoethane	50.000	47.711	4.6	109	0.00
62	S	4-Bromofluorobenzene	50.000	50.549	-1.1	116	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	48.140	3.7	102	0.00
65	PM	Chlorobenzene	50.000	55.423	-10.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.676	-11.4	112	0.00
67	C	Ethyl Benzene	50.000	58.050	-16.1#	121	0.00
68	T	m/p-Xylenes	100.000	120.923	-20.9	126	0.00
69	T	o-Xylene	50.000	62.394	-24.8	129	0.00
70	T	Styrene	50.000	64.030	-28.1#	133	0.00
71	P	Bromoform	50.000	56.502	-13.0	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73	T	Isopropylbenzene	50.000	56.793	-13.6	136	0.00
74	T	N-amyl acetate	50.000	44.487	11.0	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.532	-17.1	130	0.00
76	T	1,2,3-Trichloropropane	50.000	50.438	-0.9	123	0.00
77	T	Bromobenzene	50.000	49.104	1.8	115	0.00
78	T	n-propylbenzene	50.000	56.540	-13.1	136	0.00
79	T	2-Chlorotoluene	50.000	55.061	-10.1	130	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.413	-12.8	133	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.561	-5.1	115	0.00
82	T	4-Chlorotoluene	50.000	55.069	-10.1	130	0.00
83	T	tert-Butylbenzene	50.000	55.740	-11.5	135	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.023	-12.0	131	0.00
85	T	sec-Butylbenzene	50.000	58.551	-17.1	141	0.00
86	T	p-Isopropyltoluene	50.000	57.507	-15.0	138	0.00
87	T	1,3-Dichlorobenzene	50.000	53.124	-6.2	124	0.00
88	T	1,4-Dichlorobenzene	50.000	51.397	-2.8	122	0.00
89	T	n-Butylbenzene	50.000	58.376	-16.8	141	0.00
90	T	Hexachloroethane	50.000	58.507	-17.0	139	0.00
91	T	1,2-Dichlorobenzene	50.000	52.818	-5.6	124	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.178	-2.4	118	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.829	4.3	113	0.00
94	T	Hexachlorobutadiene	50.000	46.220	7.6	113	0.00
95	T	Naphthalene	50.000	51.701	-3.4	117	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	48.964	2.1	113	0.00

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