Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
Data File : VD072740.D
Acq On : 29 Apr 2022 14:43
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 30 02:33:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	0.681	0.610	10.4	97	0.00
3	P	Chloromethane	0.770	0.660	14.3	92	0.00
4	C	Vinyl Chloride	0.694	0.608	12.4#	95	0.00
5	T	Bromomethane	0.448	0.394	12.1	93	0.00
6	T	Chloroethane	0.421	0.371	11.9	94	0.00
7	T	Trichlorofluoromethane	1.110	0.994	10.5	97	0.00
8	T	Diethyl Ether	0.329	0.325	1.2	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.633	0.576	9.0	98	0.00
10	T	Methyl Iodide	0.675	0.665	1.5	100	0.00
11	T	Tert butyl alcohol	0.064	0.057	10.9	117	0.00
12	CM	1,1-Dichloroethene	0.592	0.545	7.9#	97	0.00
13	T	Acrolein	0.056	0.057	-1.8	105	0.00
14	T	Allyl chloride	1.003	0.952	5.1	99	0.00
15	T	Acrylonitrile	0.153	0.161	-5.2	104	0.00
16	T	Acetone	0.130	0.157	-20.8	118	0.00
17	T	Carbon Disulfide	1.989	1.805	9.3	94	0.00
18	T	Methyl Acetate	0.375	0.375	0.0	103	0.00
19	T	Methyl tert-butyl Ether	1.484	1.508	-1.6	100	0.00
20	T	Methylene Chloride	1.402	0.983	29.9#	105	0.00
21	T	trans-1,2-Dichloroethene	0.699	0.649	7.2	98	0.00
22	T	Diisopropyl ether	2.164	2.150	0.6	98	0.00
23	T	Vinyl Acetate	1.222	1.279	-4.7	102	0.00
24	P	1,1-Dichloroethane	1.276	1.196	6.3	97	0.00
25	T	2-Butanone	0.194	0.216	-11.3	110	0.00
26	T	2,2-Dichloropropane	1.052	0.980	6.8	97	0.00
27	T	cis-1,2-Dichloroethene	0.775	0.738	4.8	98	0.00
28	T	Bromochloromethane	0.497	0.534	-7.4	99	0.00
29	T	Tetrahydrofuran	0.122	0.132	-8.2	103	-0.01
30	C	Chloroform	1.319	1.243	5.8#	97	0.00
31	T	Cyclohexane	1.152	0.992	13.9	93	-0.01
32	T	1,1,1-Trichloroethane	1.117	1.030	7.8	97	-0.01
33	S	1,2-Dichloroethane-d4	0.664	0.640	3.6	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.333	0.333	0.0	100	0.00
36	T	1,1-Dichloropropene	0.558	0.523	6.3	96	0.00
37	T	Ethyl Acetate	0.254	0.280	-10.2	105	0.00
38	T	Carbon Tetrachloride	0.564	0.524	7.1	98	0.00
39	T	Methylcyclohexane	0.646	0.591	8.5	94	0.00
40	TM	Benzene	1.588	1.541	3.0	99	0.00
41	T	Methacrylonitrile	0.146	0.156	-6.8	102	0.00
42	TM	1,2-Dichloroethane	0.501	0.501	0.0	103	0.00
43	T	Isopropyl Acetate	0.483	0.509	-5.4	101	0.00
44	TM	Trichloroethene	0.420	0.395	6.0	99	0.00
45	C	1,2-Dichloropropane	0.411	0.409	0.5#	99	0.00
46	T	Dibromomethane	0.233	0.235	-0.9	100	0.00
47	T	Bromodichloromethane	0.591	0.583	1.4	99	0.00
48	T	Methyl methacrylate	0.242	0.266	-9.9	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	103	0.00
50	S	Toluene-d8	1.200	1.176	2.0	101	0.00
51	T	4-Methyl-2-Pentanone	0.248	0.273	-10.1	104	0.00
52	CM	Toluene	0.992	0.955	3.7#	96	0.00
53	T	t-1,3-Dichloropropene	0.546	0.574	-5.1	105	0.00
54	T	cis-1,3-Dichloropropene	0.637	0.650	-2.0	101	0.00
55	T	1,1,2-Trichloroethane	0.313	0.319	-1.9	104	0.00
56	T	Ethyl methacrylate	0.367	0.410	-11.7	104	0.00
57	T	1,3-Dichloropropane	0.534	0.553	-3.6	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.174	0.214	-23.0	105	0.00
59	T	2-Hexanone	0.166	0.199	-19.9	109	0.00
60	T	Dibromochloromethane	0.385	0.391	-1.6	103	0.00
61	T	1,2-Dibromoethane	0.297	0.314	-5.7	103	0.00
62	S	4-Bromofluorobenzene	0.453	0.441	2.6	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.343	0.312	9.0	95	0.00
65	PM	Chlorobenzene	1.104	1.075	2.6	101	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.407	1.7	101	0.00
67	C	Ethyl Benzene	1.938	1.872	3.4#	98	0.00
68	T	m/p-Xylenes	0.739	0.721	2.4	97	0.00
69	T	o-Xylene	0.698	0.682	2.3	97	0.00
70	T	Styrene	1.189	1.218	-2.4	100	0.00
71	P	Bromoform	0.222	0.229	-3.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.822	3.617	5.4	97	0.00
74	T	N-amyl acetate	0.987	1.077	-9.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.766	0.798	-4.2	104	0.00
76	T	1,2,3-Trichloropropane	0.551	0.563	-2.2	97	0.00
77	T	Bromobenzene	0.910	0.896	1.5	100	0.00
78	T	n-propylbenzene	4.777	4.550	4.8	97	0.00
79	T	2-Chlorotoluene	2.795	2.672	4.4	99	0.00
80	T	1,3,5-Trimethylbenzene	3.231	3.117	3.5	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.243	0.257	-5.8	107	0.00
82	T	4-Chlorotoluene	2.942	2.846	3.3	99	0.00
83	T	tert-Butylbenzene	2.703	2.573	4.8	97	0.00
84	T	1,2,4-Trimethylbenzene	3.227	3.083	4.5	97	0.00
85	T	sec-Butylbenzene	4.083	3.833	6.1	97	0.00
86	T	p-Isopropyltoluene	3.342	3.150	5.7	96	0.00
87	T	1,3-Dichlorobenzene	1.790	1.713	4.3	99	0.00
88	T	1,4-Dichlorobenzene	1.786	1.724	3.5	101	0.00
89	T	n-Butylbenzene	3.252	3.108	4.4	98	0.00
90	T	Hexachloroethane	0.670	0.632	5.7	99	0.00
91	T	1,2-Dichlorobenzene	1.571	1.525	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.126	0.127	-0.8	106	0.00
93	T	1,2,4-Trichlorobenzene	0.913	0.906	0.8	100	0.00
94	T	Hexachlorobutadiene	0.485	0.442	8.9	97	0.00
95	T	Naphthalene	1.718	1.871	-8.9	105	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.804	0.824	-2.5	104	0.00

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