Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076169.D
Acq On : 22 May 2023 10:38
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: May 22 14:21:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	0.451	0.411	8.9	98	0.00
3	P	Chloromethane	0.857	0.718	16.2	91	0.00
4	C	Vinyl Chloride	0.973	0.978	-0.5#	105	0.00
5	T	Bromomethane	0.655	0.623	4.9	96	0.00
6	T	Chloroethane	0.654	0.660	-0.9	103	0.00
7	T	Trichlorofluoromethane	0.824	0.776	5.8	102	0.00
8	T	Diethyl Ether	0.271	0.247	8.9	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.516	5.0	103	0.00
10	T	Methyl Iodide	0.565	0.595	-5.3	93	0.00
11	T	Tert butyl alcohol	0.026	0.024	7.7	90	0.00
12	CM	1,1-Dichloroethene	0.540	0.514	4.8#	97	0.00
13	T	Acrolein	0.063	0.059	6.3	87	0.00
14	T	Allyl chloride	0.548	0.522	4.7	91	0.00
15	T	Acrylonitrile	0.112	0.105	6.3	87	0.00
16	T	Acetone	0.096	0.108	-12.5	103	0.00
17	T	Carbon Disulfide	1.620	1.358	16.2	88	0.00
18	T	Methyl Acetate	0.343	0.311	9.3	85	0.00
19	T	Methyl tert-butyl Ether	1.058	1.033	2.4	89	0.00
20	T	Methylene Chloride	1.029	0.646	37.2#	79	0.00
21	T	trans-1,2-Dichloroethene	0.623	0.575	7.7	89	0.00
22	T	Diisopropyl ether	1.273	1.259	1.1	88	0.00
23	T	Vinyl Acetate	0.501	0.584	-16.6	104	0.00
24	P	1,1-Dichloroethane	1.004	0.946	5.8	92	0.00
25	T	2-Butanone	0.121	0.126	-4.1	95	0.00
26	T	2,2-Dichloropropane	0.819	0.811	1.0	99	0.00
27	T	cis-1,2-Dichloroethene	0.691	0.665	3.8	89	0.00
28	T	Bromochloromethane	0.335	0.288	14.0	84	0.00
29	T	Tetrahydrofuran	0.070	0.067	4.3	84	0.00
30	C	Chloroform	1.074	1.017	5.3#	93	0.00
31	T	Cyclohexane	0.740	0.683	7.7	97	0.00
32	T	1,1,1-Trichloroethane	0.856	0.812	5.1	96	0.00
33	S	1,2-Dichloroethane-d4	0.483	0.406	15.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.346	0.302	12.7	89	0.00
36	T	1,1-Dichloropropene	0.467	0.447	4.3	97	0.00
37	T	Ethyl Acetate	0.162	0.145	10.5	82	0.00
38	T	Carbon Tetrachloride	0.422	0.398	5.7	98	0.00
39	T	Methylcyclohexane	0.537	0.521	3.0	102	0.00
40	TM	Benzene	1.501	1.381	8.0	90	0.00
41	T	Methacrylonitrile	0.089	0.078	12.4	75	0.00
42	TM	1,2-Dichloroethane	0.355	0.320	9.9	89	0.00
43	T	Isopropyl Acetate	0.302	0.266	11.9	86	0.00
44	TM	Trichloroethene	0.423	0.375	11.3	90	0.00
45	C	1,2-Dichloropropane	0.370	0.334	9.7#	89	0.00
46	T	Dibromomethane	0.207	0.184	11.1	88	0.00
47	T	Bromodichloromethane	0.499	0.461	7.6	91	0.00
48	T	Methyl methacrylate	0.134	0.116	13.4	81	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50	S	Toluene-d8	1.347	1.182	12.2	87	0.00
51	T	4-Methyl-2-Pentanone	0.161	0.146	9.3	84	0.00
52	CM	Toluene	0.937	0.905	3.4#	93	0.00
53	T	t-1,3-Dichloropropene	0.449	0.422	6.0	89	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.521	4.9	90	0.00
55	T	1,1,2-Trichloroethane	0.298	0.270	9.4	89	0.00
56	T	Ethyl methacrylate	0.299	0.286	4.3	86	0.00
57	T	1,3-Dichloropropane	0.467	0.433	7.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.128	10.5	82	0.00
59	T	2-Hexanone	0.113	0.112	0.9	89	0.00
60	T	Dibromochloromethane	0.335	0.311	7.2	90	0.00
61	T	1,2-Dibromoethane	0.265	0.245	7.5	90	0.00
62	S	4-Bromofluorobenzene	0.374	0.333	11.0	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.384	0.340	11.5	89	0.00
65	PM	Chlorobenzene	1.138	1.076	5.4	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.373	4.8	95	0.00
67	C	Ethyl Benzene	1.819	1.813	0.3#	96	0.00
68	T	m/p-Xylenes	0.743	0.742	0.1	96	0.00
69	T	o-Xylene	0.678	0.688	-1.5	95	0.00
70	T	Styrene	1.176	1.193	-1.4	95	0.00
71	P	Bromoform	0.220	0.197	10.5	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.308	3.332	-0.7	99	0.00
74	T	N-amyl acetate	0.589	0.517	12.2	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.711	0.622	12.5	89	0.00
76	T	1,2,3-Trichloropropane	0.438	0.426	2.7	110	0.00
77	T	Bromobenzene	0.887	0.815	8.1	90	0.00
78	T	n-propylbenzene	4.117	4.154	-0.9	100	0.00
79	T	2-Chlorotoluene	2.279	2.199	3.5	95	0.00
80	T	1,3,5-Trimethylbenzene	2.742	2.796	-2.0	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.195	6.7	91	0.00
82	T	4-Chlorotoluene	2.424	2.342	3.4	95	0.00
83	T	tert-Butylbenzene	2.317	2.363	-2.0	101	0.00
84	T	1,2,4-Trimethylbenzene	2.731	2.768	-1.4	97	0.00
85	T	sec-Butylbenzene	3.611	3.714	-2.9	104	0.00
86	T	p-Isopropyltoluene	2.955	3.044	-3.0	101	0.00
87	T	1,3-Dichlorobenzene	1.792	1.713	4.4	96	0.00
88	T	1,4-Dichlorobenzene	1.775	1.664	6.3	95	0.00
89	T	n-Butylbenzene	2.785	2.819	-1.2	102	0.00
90	T	Hexachloroethane	0.608	0.587	3.5	103	0.00
91	T	1,2-Dichlorobenzene	1.573	1.471	6.5	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.092	0.083	9.8	89	0.00
93	T	1,2,4-Trichlorobenzene	0.915	0.854	6.7	89	0.00
94	T	Hexachlorobutadiene	0.467	0.412	11.8	90	0.00
95	T	Naphthalene	1.700	1.627	4.3	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.832	0.745	10.5	84	0.00

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