Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
Data File : VD076147.D
Acq On : 18 May 2023 18:29
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 19 01:54:46 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	75	0.00
2	T	Dichlorodifluoromethane	0.451	0.410	9.1	78	0.00
3	P	Chloromethane	0.857	0.836	2.5	83	0.00
4	C	Vinyl Chloride	0.973	1.016	-4.4#	86	0.00
5	T	Bromomethane	0.655	0.670	-2.3	82	0.00
6	T	Chloroethane	0.654	0.712	-8.9	88	0.00
7	T	Trichlorofluoromethane	0.824	0.741	10.1	77	0.00
8	T	Diethyl Ether	0.271	0.267	1.5	74	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.499	8.1	79	0.00
10	T	Methyl Iodide	0.565	0.638	-12.9	79	0.00
11	T	Tert butyl alcohol	0.026	0.026	0.0	78	0.01
12	CM	1,1-Dichloroethene	0.540	0.511	5.4#	77	0.00
13	T	Acrolein	0.063	0.051	19.0	59	0.00
14	T	Allyl chloride	0.548	0.545	0.5	75	0.00
15	T	Acrylonitrile	0.112	0.117	-4.5	77	0.00
16	T	Acetone	0.096	0.087	9.4	65	0.00
17	T	Carbon Disulfide	1.620	1.484	8.4	77	0.00
18	T	Methyl Acetate	0.343	0.358	-4.4	78	0.00
19	T	Methyl tert-butyl Ether	1.058	1.111	-5.0	76	0.00
20	T	Methylene Chloride	1.029	0.745	27.6#	72	0.00
21	T	trans-1,2-Dichloroethene	0.623	0.616	1.1	75	-0.01
22	T	Diisopropyl ether	1.273	1.391	-9.3	77	0.00
23	T	Vinyl Acetate	0.501	0.564	-12.6	79	0.00
24	P	1,1-Dichloroethane	1.004	1.019	-1.5	79	0.00
25	T	2-Butanone	0.121	0.123	-1.7	74	0.00
26	T	2,2-Dichloropropane	0.819	0.810	1.1	79	0.00
27	T	cis-1,2-Dichloroethene	0.691	0.721	-4.3	77	0.00
28	T	Bromochloromethane	0.335	0.342	-2.1	79	0.00
29	T	Tetrahydrofuran	0.070	0.076	-8.6	76	0.00
30	C	Chloroform	1.074	1.112	-3.5#	81	0.00
31	T	Cyclohexane	0.740	0.691	6.6	78	0.00
32	T	1,1,1-Trichloroethane	0.856	0.832	2.8	78	0.00
33	S	1,2-Dichloroethane-d4	0.483	0.464	3.9	77	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.346	0.317	8.4	76	0.00
36	T	1,1-Dichloropropene	0.467	0.452	3.2	80	0.00
37	T	Ethyl Acetate	0.162	0.164	-1.2	77	0.00
38	T	Carbon Tetrachloride	0.422	0.380	10.0	77	0.00
39	T	Methylcyclohexane	0.537	0.503	6.3	81	0.00
40	TM	Benzene	1.501	1.450	3.4	78	0.00
41	T	Methacrylonitrile	0.089	0.072	19.1	57	0.00
42	TM	1,2-Dichloroethane	0.355	0.341	3.9	78	0.00
43	T	Isopropyl Acetate	0.302	0.281	7.0	75	0.00
44	TM	Trichloroethene	0.423	0.372	12.1	73	0.00
45	C	1,2-Dichloropropane	0.370	0.362	2.2#	79	0.00
46	T	Dibromomethane	0.207	0.201	2.9	79	0.00
47	T	Bromodichloromethane	0.499	0.483	3.2	78	0.00
48	T	Methyl methacrylate	0.134	0.132	1.5	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50	S	Toluene-d8	1.347	1.291	4.2	79	0.00
51	T	4-Methyl-2-Pentanone	0.161	0.159	1.2	76	0.00
52	CM	Toluene	0.937	0.943	-0.6#	80	0.00
53	T	t-1,3-Dichloropropene	0.449	0.444	1.1	77	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.549	-0.2	78	0.00
55	T	1,1,2-Trichloroethane	0.298	0.299	-0.3	81	0.00
56	T	Ethyl methacrylate	0.299	0.306	-2.3	76	0.00
57	T	1,3-Dichloropropane	0.467	0.468	-0.2	80	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.144	-0.7	77	0.00
59	T	2-Hexanone	0.113	0.109	3.5	72	0.00
60	T	Dibromochloromethane	0.335	0.331	1.2	79	0.00
61	T	1,2-Dibromoethane	0.265	0.262	1.1	80	0.00
62	S	4-Bromofluorobenzene	0.374	0.358	4.3	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.384	0.315	18.0	72	0.00
65	PM	Chlorobenzene	1.138	1.049	7.8	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.363	7.4	80	0.00
67	C	Ethyl Benzene	1.819	1.780	2.1#	82	0.00
68	T	m/p-Xylenes	0.743	0.736	0.9	82	0.00
69	T	o-Xylene	0.678	0.675	0.4	81	0.00
70	T	Styrene	1.176	1.210	-2.9	84	0.00
71	P	Bromoform	0.220	0.195	11.4	75	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.308	2.869	13.3	82	0.00
74	T	N-amyl acetate	0.589	0.478	18.8	74	0.00
75	P	1,1,2,2-Tetrachloroethane	0.711	0.596	16.2	83	0.00
76	T	1,2,3-Trichloropropane	0.438	0.387	11.6	97	0.00
77	T	Bromobenzene	0.887	0.725	18.3	78	0.00
78	T	n-propylbenzene	4.117	3.603	12.5	84	0.00
79	T	2-Chlorotoluene	2.279	1.965	13.8	82	0.00
80	T	1,3,5-Trimethylbenzene	2.742	2.416	11.9	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.179	14.4	81	0.00
82	T	4-Chlorotoluene	2.424	2.077	14.3	82	0.00
83	T	tert-Butylbenzene	2.317	1.997	13.8	83	0.00
84	T	1,2,4-Trimethylbenzene	2.731	2.464	9.8	84	0.00
85	T	sec-Butylbenzene	3.611	3.199	11.4	87	0.00
86	T	p-Isopropyltoluene	2.955	2.810	4.9	90	0.00
87	T	1,3-Dichlorobenzene	1.792	1.668	6.9	90	0.00
88	T	1,4-Dichlorobenzene	1.775	1.613	9.1	89	0.00
89	T	n-Butylbenzene	2.785	2.536	8.9	89	0.00
90	T	Hexachloroethane	0.608	0.515	15.3	88	0.00
91	T	1,2-Dichlorobenzene	1.573	1.460	7.2	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.092	0.082	10.9	85	0.00
93	T	1,2,4-Trichlorobenzene	0.915	0.818	10.6	83	0.00
94	T	Hexachlorobutadiene	0.467	0.400	14.3	85	0.00
95	T	Naphthalene	1.700	1.555	8.5	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.832	0.737	11.4	81	0.00

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