Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
Data File : VD076527.D
Acq On : 21 Jun 2023 22:22
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 22 04:32:57 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	69	0.00
2	T	Dichlorodifluoromethane	0.380	0.360	5.3	73	0.00
3	P	Chloromethane	0.790	0.779	1.4	72	0.00
4	C	Vinyl Chloride	0.881	0.839	4.8#	68	0.00
5	T	Bromomethane	0.573	0.485	15.4	65	0.00
6	T	Chloroethane	0.604	0.608	-0.7	73	0.00
7	T	Trichlorofluoromethane	0.725	0.754	-4.0	80	0.00
8	T	Diethyl Ether	0.273	0.279	-2.2	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.467	0.451	3.4	73	0.00
10	T	Methyl Iodide	0.554	0.546	1.4	66	0.00
11	T	Tert butyl alcohol	0.043	0.049	-14.0	82	0.00
12	CM	1,1-Dichloroethene	0.458	0.447	2.4#	71	0.00
13	T	Acrolein	0.047	0.049	-4.3	76	0.00
14	T	Allyl chloride	0.837	0.757	9.6	64	0.00
15	T	Acrylonitrile	0.140	0.166	-18.6	78	0.00
16	T	Acetone	0.119	0.114	4.2	61	0.00
17	T	Carbon Disulfide	1.250	1.176	5.9	67	0.00
18	T	Methyl Acetate	0.549	0.700	-27.5#	85	0.00
19	T	Methyl tert-butyl Ether	1.251	1.304	-4.2	70	0.00
20	T	Methylene Chloride	0.884	0.582	34.2#	56	-0.01
21	T	trans-1,2-Dichloroethene	0.529	0.514	2.8	68	0.00
22	T	Diisopropyl ether	1.809	1.737	4.0	64	0.00
23	T	Vinyl Acetate	0.897	0.896	0.1	65	0.00
24	P	1,1-Dichloroethane	1.010	1.016	-0.6	69	0.00
25	T	2-Butanone	0.184	0.207	-12.5	74	0.00
26	T	2,2-Dichloropropane	0.871	0.733	15.8	60	0.00
27	T	cis-1,2-Dichloroethene	0.640	0.643	-0.5	68	0.00
28	T	Bromochloromethane	0.322	0.282	12.4	65	0.00
29	T	Tetrahydrofuran	0.118	0.138	-16.9	78	0.00
30	C	Chloroform	1.000	1.033	-3.3#	71	0.00
31	T	Cyclohexane	0.840	0.743	11.5	70	0.00
32	T	1,1,1-Trichloroethane	0.809	0.827	-2.2	73	0.00
33	S	1,2-Dichloroethane-d4	0.501	0.510	-1.8	70	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35	S	Dibromofluoromethane	0.297	0.289	2.7	68	0.00
36	T	1,1-Dichloropropene	0.416	0.400	3.8	72	0.00
37	T	Ethyl Acetate	0.241	0.261	-8.3	77	0.00
38	T	Carbon Tetrachloride	0.372	0.381	-2.4	75	0.00
39	T	Methylcyclohexane	0.488	0.443	9.2	69	0.00
40	TM	Benzene	1.268	1.216	4.1	68	0.00
41	T	Methacrylonitrile	0.136	0.129	5.1	63	0.00
42	TM	1,2-Dichloroethane	0.343	0.372	-8.5	73	0.00
43	T	Isopropyl Acetate	0.456	0.485	-6.4	73	0.00
44	TM	Trichloroethene	0.342	0.337	1.5	71	0.00
45	C	1,2-Dichloropropane	0.344	0.335	2.6#	68	0.00
46	T	Dibromomethane	0.184	0.198	-7.6	73	0.00
47	T	Bromodichloromethane	0.441	0.436	1.1	69	0.00
48	T	Methyl methacrylate	0.209	0.240	-14.8	77	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	88	0.00
50	S	Toluene-d8	1.126	1.045	7.2	65	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.270	-15.9	77	0.00
52	CM	Toluene	0.796	0.778	2.3#	69	0.00
53	T	t-1,3-Dichloropropene	0.447	0.442	1.1	66	0.00
54	T	cis-1,3-Dichloropropene	0.530	0.511	3.6	66	0.00
55	T	1,1,2-Trichloroethane	0.258	0.277	-7.4	74	0.00
56	T	Ethyl methacrylate	0.337	0.371	-10.1	74	0.00
57	T	1,3-Dichloropropane	0.441	0.463	-5.0	72	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.151	-5.6	75	0.00
59	T	2-Hexanone	0.162	0.189	-16.7	77	0.00
60	T	Dibromochloromethane	0.300	0.329	-9.7	75	0.00
61	T	1,2-Dibromoethane	0.242	0.276	-14.0	78	0.00
62	S	4-Bromofluorobenzene	0.366	0.342	6.6	65	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64	T	Tetrachloroethene	0.300	0.308	-2.7	75	0.00
65	PM	Chlorobenzene	0.950	0.944	0.6	69	0.00
66	T	1,1,1,2-Tetrachloroethane	0.340	0.364	-7.1	74	0.00
67	C	Ethyl Benzene	1.683	1.683	0.0	72	0.00
68	T	m/p-Xylenes	0.657	0.653	0.6	72	0.00
69	T	o-Xylene	0.625	0.652	-4.3	74	0.00
70	T	Styrene	1.080	1.110	-2.8	73	0.00
71	P	Bromoform	0.204	0.240	-17.6	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73	T	Isopropylbenzene	3.366	3.081	8.5	73	0.00
74	T	N-amyl acetate	0.986	0.923	6.4	69	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.745	-7.2	79	0.00
76	T	1,2,3-Trichloropropane	0.496	0.403	18.7	66	0.00
77	T	Bromobenzene	0.831	0.823	1.0	77	0.00
78	T	n-propylbenzene	4.157	3.785	8.9	73	0.00
79	T	2-Chlorotoluene	2.283	2.113	7.4	73	0.00
80	T	1,3,5-Trimethylbenzene	2.749	2.540	7.6	73	0.00
81	T	trans-1,4-Dichloro-2-butene	0.226	0.207	8.4	66	0.00
82	T	4-Chlorotoluene	2.370	2.179	8.1	72	0.00
83	T	tert-Butylbenzene	2.443	2.257	7.6	75	0.00
84	T	1,2,4-Trimethylbenzene	2.770	2.575	7.0	72	0.00
85	T	sec-Butylbenzene	3.625	3.360	7.3	74	0.00
86	T	p-Isopropyltoluene	3.029	2.812	7.2	74	0.00
87	T	1,3-Dichlorobenzene	1.631	1.550	5.0	74	0.00
88	T	1,4-Dichlorobenzene	1.627	1.515	6.9	74	0.00
89	T	n-Butylbenzene	2.954	2.634	10.8	71	0.00
90	T	Hexachloroethane	0.559	0.516	7.7	73	0.00
91	T	1,2-Dichlorobenzene	1.426	1.363	4.4	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.115	-9.5	84	0.00
93	T	1,2,4-Trichlorobenzene	0.950	0.871	8.3	72	0.00
94	T	Hexachlorobutadiene	0.462	0.420	9.1	74	0.00
95	T	Naphthalene	1.900	1.974	-3.9	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.828	0.813	1.8	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5