Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
Data File : VD076551.D
Acq On : 23 Jun 2023 11:03
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: Jun 23 16:31:53 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	77	0.00
2	T	Dichlorodifluoromethane	0.380	0.354	6.8	79	0.00
3	P	Chloromethane	0.790	0.672	14.9	69	0.00
4	C	Vinyl Chloride	0.881	0.778	11.7#	70	0.00
5	T	Bromomethane	0.573	0.493	14.0	73	0.00
6	T	Chloroethane	0.604	0.569	5.8	76	0.00
7	T	Trichlorofluoromethane	0.725	0.746	-2.9	88	0.00
8	T	Diethyl Ether	0.273	0.240	12.1	66	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.467	0.482	-3.2	87	0.01
10	T	Methyl Iodide	0.554	0.547	1.3	73	0.00
11	T	Tert butyl alcohol	0.043	0.037	14.0	68	0.00
12	CM	1,1-Dichloroethene	0.458	0.427	6.8#	75	0.00
13	T	Acrolein	0.047	0.038	19.1	65	0.00
14	T	Allyl chloride	0.837	0.745	11.0	69	0.00
15	T	Acrylonitrile	0.140	0.128	8.6	67	0.00
16	T	Acetone	0.119	0.116	2.5	69	0.00
17	T	Carbon Disulfide	1.250	1.103	11.8	70	0.00
18	T	Methyl Acetate	0.549	0.505	8.0	68	0.00
19	T	Methyl tert-butyl Ether	1.251	1.207	3.5	72	0.00
20	T	Methylene Chloride	0.884	0.604	31.7#	65	0.00
21	T	trans-1,2-Dichloroethene	0.529	0.514	2.8	76	0.00
22	T	Diisopropyl ether	1.809	1.743	3.6	71	0.00
23	T	Vinyl Acetate	0.897	0.848	5.5	68	0.00
24	P	1,1-Dichloroethane	1.010	0.993	1.7	75	0.00
25	T	2-Butanone	0.184	0.171	7.1	68	0.00
26	T	2,2-Dichloropropane	0.871	0.830	4.7	76	0.01
27	T	cis-1,2-Dichloroethene	0.640	0.632	1.3	74	0.00
28	T	Bromochloromethane	0.322	0.271	15.8	69	0.00
29	T	Tetrahydrofuran	0.118	0.109	7.6	68	0.00
30	C	Chloroform	1.000	1.004	-0.4#	77	0.00
31	T	Cyclohexane	0.840	0.735	12.5	77	0.00
32	T	1,1,1-Trichloroethane	0.809	0.879	-8.7	86	0.00
33	S	1,2-Dichloroethane-d4	0.501	0.491	2.0	75	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35	S	Dibromofluoromethane	0.297	0.309	-4.0	76	0.00
36	T	1,1-Dichloropropene	0.416	0.431	-3.6	81	0.00
37	T	Ethyl Acetate	0.241	0.226	6.2	70	0.00
38	T	Carbon Tetrachloride	0.372	0.418	-12.4	86	0.00
39	T	Methylcyclohexane	0.488	0.495	-1.4	80	0.00
40	TM	Benzene	1.268	1.284	-1.3	75	0.00
41	T	Methacrylonitrile	0.136	0.132	2.9	68	0.00
42	TM	1,2-Dichloroethane	0.343	0.359	-4.7	74	0.00
43	T	Isopropyl Acetate	0.456	0.432	5.3	68	0.00
44	TM	Trichloroethene	0.342	0.367	-7.3	81	0.00
45	C	1,2-Dichloropropane	0.344	0.341	0.9#	72	0.00
46	T	Dibromomethane	0.184	0.191	-3.8	74	0.00
47	T	Bromodichloromethane	0.441	0.472	-7.0	78	0.00
48	T	Methyl methacrylate	0.209	0.196	6.2	66	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50	S	Toluene-d8	1.126	1.131	-0.4	73	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.230	1.3	69	0.00
52	CM	Toluene	0.796	0.814	-2.3#	76	0.00
53	T	t-1,3-Dichloropropene	0.447	0.464	-3.8	72	0.00
54	T	cis-1,3-Dichloropropene	0.530	0.539	-1.7	73	0.00
55	T	1,1,2-Trichloroethane	0.258	0.269	-4.3	76	0.00
56	T	Ethyl methacrylate	0.337	0.336	0.3	70	0.00
57	T	1,3-Dichloropropane	0.441	0.442	-0.2	72	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.137	4.2	71	0.00
59	T	2-Hexanone	0.162	0.162	0.0	69	0.00
60	T	Dibromochloromethane	0.300	0.332	-10.7	79	0.00
61	T	1,2-Dibromoethane	0.242	0.254	-5.0	76	0.00
62	S	4-Bromofluorobenzene	0.366	0.379	-3.6	75	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.300	0.319	-6.3	81	0.00
65	PM	Chlorobenzene	0.950	0.956	-0.6	73	0.00
66	T	1,1,1,2-Tetrachloroethane	0.340	0.383	-12.6	81	0.00
67	C	Ethyl Benzene	1.683	1.751	-4.0#	78	0.00
68	T	m/p-Xylenes	0.657	0.679	-3.3	78	0.00
69	T	o-Xylene	0.625	0.662	-5.9	78	0.00
70	T	Styrene	1.080	1.150	-6.5	79	0.00
71	P	Bromoform	0.204	0.225	-10.3	77	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73	T	Isopropylbenzene	3.366	3.334	1.0	82	0.00
74	T	N-amyl acetate	0.986	0.907	8.0	71	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.672	3.3	75	0.00
76	T	1,2,3-Trichloropropane	0.496	0.257	48.2#	44#	0.00
77	T	Bromobenzene	0.831	0.797	4.1	78	0.00
78	T	n-propylbenzene	4.157	4.103	1.3	83	0.00
79	T	2-Chlorotoluene	2.283	2.210	3.2	79	0.00
80	T	1,3,5-Trimethylbenzene	2.749	2.739	0.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.226	0.208	8.0	70	0.00
82	T	4-Chlorotoluene	2.370	2.377	-0.3	82	0.00
83	T	tert-Butylbenzene	2.443	2.432	0.5	84	0.00
84	T	1,2,4-Trimethylbenzene	2.770	2.741	1.0	80	0.00
85	T	sec-Butylbenzene	3.625	3.666	-1.1	85	0.00
86	T	p-Isopropyltoluene	3.029	3.085	-1.8	85	0.00
87	T	1,3-Dichlorobenzene	1.631	1.628	0.2	81	0.00
88	T	1,4-Dichlorobenzene	1.627	1.579	3.0	80	0.00
89	T	n-Butylbenzene	2.954	2.910	1.5	82	0.00
90	T	Hexachloroethane	0.559	0.557	0.4	82	0.00
91	T	1,2-Dichlorobenzene	1.426	1.424	0.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.100	4.8	77	0.00
93	T	1,2,4-Trichlorobenzene	0.950	0.935	1.6	81	0.00
94	T	Hexachlorobutadiene	0.462	0.485	-5.0	89	0.00
95	T	Naphthalene	1.900	1.828	3.8	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.828	0.816	1.4	79	0.00

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