Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
Data File : VD076909.D
Acq On : 02 Aug 2023 20:27
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 03 01:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	85	0.00
2	T	Dichlorodifluoromethane	0.391	0.348	11.0	76	0.00
3	P	Chloromethane	0.674	0.587	12.9	73	0.00
4	C	Vinyl Chloride	0.899	0.834	7.2#	78	0.00
5	T	Bromomethane	0.740	0.644	13.0	78	0.00
6	T	Chloroethane	0.679	0.660	2.8	82	0.00
7	T	Trichlorofluoromethane	0.800	0.771	3.6	85	0.00
8	T	Diethyl Ether	0.275	0.262	4.7	74	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.526	0.523	0.6	86	0.00
10	T	Methyl Iodide	0.593	0.605	-2.0	81	0.00
11	T	Tert butyl alcohol	0.037	0.037	0.0	83	0.01
12	CM	1,1-Dichloroethene	0.494	0.443	10.3#	76	0.00
13	T	Acrolein	0.025	0.013	48.0#	46#	0.00
14	T	Allyl chloride	0.649	0.602	7.2	76	0.00
15	T	Acrylonitrile	0.135	0.136	-0.7	82	0.00
16	T	Acetone	0.119	0.096	19.3	66	0.01
17	T	Carbon Disulfide	1.154	0.933	19.2	66	0.00
18	T	Methyl Acetate	0.447	0.480	-7.4	88	0.00
19	T	Methyl tert-butyl Ether	1.325	1.342	-1.3	81	0.00
20	T	Methylene Chloride	0.984	0.855	13.1	99	0.00
21	T	trans-1,2-Dichloroethene	0.574	0.538	6.3	76	0.00
22	T	Diisopropyl ether	1.537	1.577	-2.6	83	0.00
23	T	Vinyl Acetate	0.760	0.752	1.1	79	0.00
24	P	1,1-Dichloroethane	1.036	1.039	-0.3	82	0.00
25	T	2-Butanone	0.159	0.154	3.1	77	0.00
26	T	2,2-Dichloropropane	0.893	0.823	7.8	78	0.00
27	T	cis-1,2-Dichloroethene	0.708	0.707	0.1	82	0.00
28	T	Bromochloromethane	0.259	0.213	17.8	74	0.00
29	T	Tetrahydrofuran	0.094	0.095	-1.1	84	0.00
30	C	Chloroform	1.135	1.195	-5.3#	90	0.00
31	T	Cyclohexane	0.733	0.627	14.5	79	0.00
32	T	1,1,1-Trichloroethane	0.916	0.959	-4.7	87	0.00
33	S	1,2-Dichloroethane-d4	0.498	0.548	-10.0	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.314	0.370	-17.8	106	0.00
36	T	1,1-Dichloropropene	0.411	0.416	-1.2	84	0.00
37	T	Ethyl Acetate	0.184	0.196	-6.5	81	0.00
38	T	Carbon Tetrachloride	0.393	0.411	-4.6	87	0.00
39	T	Methylcyclohexane	0.474	0.436	8.0	76	0.00
40	TM	Benzene	1.295	1.310	-1.2	84	0.00
41	T	Methacrylonitrile	0.112	0.097	13.4	72	0.00
42	TM	1,2-Dichloroethane	0.337	0.361	-7.1	87	0.00
43	T	Isopropyl Acetate	0.358	0.377	-5.3	84	0.00
44	TM	Trichloroethene	0.353	0.349	1.1	81	0.00
45	C	1,2-Dichloropropane	0.334	0.356	-6.6#	82	0.00
46	T	Dibromomethane	0.196	0.207	-5.6	82	0.00
47	T	Bromodichloromethane	0.491	0.516	-5.1	83	0.00
48	T	Methyl methacrylate	0.163	0.173	-6.1	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	86	0.00
50	S	Toluene-d8	1.124	1.184	-5.3	93	0.00
51	T	4-Methyl-2-Pentanone	0.191	0.203	-6.3	81	0.00
52	CM	Toluene	0.851	0.849	0.2#	80	0.00
53	T	t-1,3-Dichloropropene	0.456	0.464	-1.8	78	0.00
54	T	cis-1,3-Dichloropropene	0.537	0.547	-1.9	80	0.00
55	T	1,1,2-Trichloroethane	0.286	0.306	-7.0	84	0.00
56	T	Ethyl methacrylate	0.330	0.342	-3.6	78	0.00
57	T	1,3-Dichloropropane	0.465	0.477	-2.6	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.128	0.111	13.3	71	0.00
59	T	2-Hexanone	0.136	0.138	-1.5	77	0.00
60	T	Dibromochloromethane	0.332	0.360	-8.4	84	0.00
61	T	1,2-Dibromoethane	0.265	0.276	-4.2	80	0.00
62	S	4-Bromofluorobenzene	0.364	0.399	-9.6	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.285	0.280	1.8	79	0.00
65	PM	Chlorobenzene	1.006	1.019	-1.3	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.396	-5.9	85	0.00
67	C	Ethyl Benzene	1.766	1.763	0.2#	79	0.00
68	T	m/p-Xylenes	0.678	0.681	-0.4	79	0.00
69	T	o-Xylene	0.656	0.658	-0.3	79	0.00
70	T	Styrene	1.148	1.186	-3.3	80	0.00
71	P	Bromoform	0.205	0.217	-5.9	81	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.628	3.481	4.1	81	0.00
74	T	N-amyl acetate	0.764	0.743	2.7	82	0.00
75	P	1,1,2,2-Tetrachloroethane	0.779	0.773	0.8	82	0.00
76	T	1,2,3-Trichloropropane	0.475	0.483	-1.7	83	0.00
77	T	Bromobenzene	0.837	0.814	2.7	80	0.00
78	T	n-propylbenzene	4.398	4.280	2.7	82	0.00
79	T	2-Chlorotoluene	2.411	2.304	4.4	80	0.00
80	T	1,3,5-Trimethylbenzene	2.933	2.842	3.1	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.223	0.214	4.0	76	0.00
82	T	4-Chlorotoluene	2.519	2.435	3.3	80	0.00
83	T	tert-Butylbenzene	2.583	2.608	-1.0	83	0.00
84	T	1,2,4-Trimethylbenzene	2.997	2.887	3.7	79	0.00
85	T	sec-Butylbenzene	3.946	3.860	2.2	82	0.00
86	T	p-Isopropyltoluene	3.259	3.180	2.4	81	0.00
87	T	1,3-Dichlorobenzene	1.722	1.694	1.6	82	0.00
88	T	1,4-Dichlorobenzene	1.687	1.668	1.1	83	0.00
89	T	n-Butylbenzene	3.189	3.054	4.2	81	0.00
90	T	Hexachloroethane	0.602	0.649	-7.8	89	0.00
91	T	1,2-Dichlorobenzene	1.518	1.500	1.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.111	0.106	4.5	84	0.00
93	T	1,2,4-Trichlorobenzene	0.927	0.898	3.1	81	0.00
94	T	Hexachlorobutadiene	0.446	0.416	6.7	79	0.00
95	T	Naphthalene	2.006	1.975	1.5	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.808	2.8	82	0.00

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