Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
Data File : VD078215.D
Acq On : 23 Jan 2024 18:23
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 24 00:24:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
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	82	0.00
2	T	Dichlorodifluoromethane	0.576	0.442	23.3	74	0.00
3	P	Chloromethane	0.929	0.824	11.3	81	0.00
4	C	Vinyl Chloride	1.186	1.050	11.5#	76	0.00
5	T	Bromomethane	0.865	0.787	9.0	84	0.00
6	T	Chloroethane	0.828	0.772	6.8	77	0.00
7	T	Trichlorofluoromethane	1.078	0.937	13.1	77	0.00
8	T	Diethyl Ether	0.299	0.316	-5.7	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.625	0.576	7.8	79	0.00
10	T	Methyl Iodide	0.626	0.661	-5.6	80	0.00
11	T	Tert butyl alcohol	0.028	0.025	10.7	75	0.00
12	CM	1,1-Dichloroethene	0.619	0.586	5.3#	84	0.00
13	T	Acrolein	0.065	0.064	1.5	78	0.00
14	T	Allyl chloride	0.816	0.815	0.1	84	0.00
15	T	Acrylonitrile	0.134	0.139	-3.7	85	0.00
16	T	Acetone	0.170	0.124	27.1#	77	0.00
17	T	Carbon Disulfide	2.006	1.875	6.5	79	0.00
18	T	Methyl Acetate	0.491	0.531	-8.1	85	0.00
19	T	Methyl tert-butyl Ether	1.290	1.323	-2.6	84	0.00
20	T	Methylene Chloride	0.837	0.753	10.0	88	0.00
21	T	trans-1,2-Dichloroethene	0.715	0.709	0.8	84	0.00
22	T	Diisopropyl ether	1.727	1.900	-10.0	89	0.00
23	T	Vinyl Acetate	0.851	0.886	-4.1	84	0.00
24	P	1,1-Dichloroethane	1.193	1.253	-5.0	88	0.00
25	T	2-Butanone	0.201	0.170	15.4	82	0.00
26	T	2,2-Dichloropropane	1.000	0.968	3.2	81	0.00
27	T	cis-1,2-Dichloroethene	0.768	0.815	-6.1	88	0.00
28	T	Bromochloromethane	0.465	0.512	-10.1	89	0.00
29	T	Tetrahydrofuran	0.094	0.099	-5.3	84	-0.01
30	C	Chloroform	1.214	1.310	-7.9#	89	0.00
31	T	Cyclohexane	1.055	0.963	8.7	78	0.00
32	T	1,1,1-Trichloroethane	1.048	1.039	0.9	82	0.00
33	S	1,2-Dichloroethane-d4	0.571	0.580	-1.6	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.329	0.318	3.3	82	0.00
36	T	1,1-Dichloropropene	0.541	0.506	6.5	83	0.00
37	T	Ethyl Acetate	0.201	0.187	7.0	86	0.00
38	T	Carbon Tetrachloride	0.534	0.485	9.2	81	0.00
39	T	Methylcyclohexane	0.640	0.585	8.6	79	0.00
40	TM	Benzene	1.536	1.562	-1.7	90	0.00
41	T	Methacrylonitrile	0.111	0.108	2.7	83	0.00
42	TM	1,2-Dichloroethane	0.400	0.405	-1.3	88	0.00
43	T	Isopropyl Acetate	0.369	0.359	2.7	86	0.00
44	TM	Trichloroethene	0.393	0.368	6.4	85	0.00
45	C	1,2-Dichloropropane	0.381	0.384	-0.8#	89	0.00
46	T	Dibromomethane	0.209	0.205	1.9	89	0.00
47	T	Bromodichloromethane	0.526	0.523	0.6	88	0.00
48	T	Methyl methacrylate	0.214	0.212	0.9	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50	S	Toluene-d8	1.303	1.259	3.4	81	0.00
51	T	4-Methyl-2-Pentanone	0.194	0.187	3.6	84	0.00
52	CM	Toluene	0.973	0.954	2.0#	86	0.00
53	T	t-1,3-Dichloropropene	0.485	0.486	-0.2	87	0.00
54	T	cis-1,3-Dichloropropene	0.581	0.592	-1.9	88	0.00
55	T	1,1,2-Trichloroethane	0.280	0.274	2.1	87	0.00
56	T	Ethyl methacrylate	0.229	0.234	-2.2	86	0.00
57	T	1,3-Dichloropropane	0.479	0.469	2.1	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.137	0.140	-2.2	85	0.00
59	T	2-Hexanone	0.158	0.135	14.6	82	0.00
60	T	Dibromochloromethane	0.330	0.331	-0.3	88	0.00
61	T	1,2-Dibromoethane	0.258	0.258	0.0	86	0.00
62	S	4-Bromofluorobenzene	0.378	0.376	0.5	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.327	0.298	8.9	84	0.00
65	PM	Chlorobenzene	1.105	1.069	3.3	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.395	0.382	3.3	86	0.00
67	C	Ethyl Benzene	2.010	1.963	2.3#	87	0.00
68	T	m/p-Xylenes	0.768	0.745	3.0	86	0.00
69	T	o-Xylene	0.697	0.689	1.1	86	0.00
70	T	Styrene	1.044	1.074	-2.9	89	0.00
71	P	Bromoform	0.195	0.180	7.7	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.931	3.862	1.8	87	0.00
74	T	N-amyl acetate	0.752	0.724	3.7	85	0.00
75	P	1,1,2,2-Tetrachloroethane	0.732	0.693	5.3	84	0.00
76	T	1,2,3-Trichloropropane	0.480	0.467	2.7	86	0.00
77	T	Bromobenzene	0.862	0.842	2.3	86	0.00
78	T	n-propylbenzene	4.876	4.735	2.9	85	0.00
79	T	2-Chlorotoluene	2.602	2.529	2.8	87	0.00
80	T	1,3,5-Trimethylbenzene	3.260	3.262	-0.1	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.223	0.215	3.6	85	0.00
82	T	4-Chlorotoluene	2.743	2.756	-0.5	91	0.00
83	T	tert-Butylbenzene	2.725	2.715	0.4	87	0.00
84	T	1,2,4-Trimethylbenzene	3.297	3.326	-0.9	89	0.00
85	T	sec-Butylbenzene	4.126	4.028	2.4	87	0.00
86	T	p-Isopropyltoluene	3.591	3.559	0.9	87	0.00
87	T	1,3-Dichlorobenzene	1.785	1.723	3.5	87	0.00
88	T	1,4-Dichlorobenzene	1.763	1.714	2.8	88	0.00
89	T	n-Butylbenzene	3.495	3.465	0.9	87	0.00
90	T	Hexachloroethane	0.704	0.680	3.4	87	0.00
91	T	1,2-Dichlorobenzene	1.501	1.466	2.3	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.092	12.4	82	0.00
93	T	1,2,4-Trichlorobenzene	0.928	0.857	7.7	83	0.00
94	T	Hexachlorobutadiene	0.448	0.428	4.5	84	0.00
95	T	Naphthalene	1.734	1.642	5.3	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.715	8.1	81	0.00

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