Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
Data File : VD079686.D
Acq On : 09 Aug 2024 11:00
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 10 05:06:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 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	73	0.00
2	T	Dichlorodifluoromethane	0.392	0.358	8.7	67	0.00
3	P	Chloromethane	0.722	0.751	-4.0	79	0.00
4	C	Vinyl Chloride	0.858	0.877	-2.2#	73	0.00
5	T	Bromomethane	0.625	0.564	9.8	74	0.00
6	T	Chloroethane	0.552	0.641	-16.1	89	0.00
7	T	Trichlorofluoromethane	0.854	0.836	2.1	70	0.00
8	T	Diethyl Ether	0.258	0.302	-17.1	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.511	5.4	67	0.00
10	T	Methyl Iodide	0.633	0.563	11.1	57	0.00
11	T	Tert butyl alcohol	0.029	0.036	-24.1	130	0.01
12	CM	1,1-Dichloroethene	0.540	0.515	4.6#	67	0.00
13	T	Acrolein	0.045	0.030	33.3#	69	0.00
14	T	Allyl chloride	0.713	0.826	-15.8	84	0.00
15	T	Acrylonitrile	0.120	0.151	-25.8#	112	0.00
16	T	Acetone	0.099	0.141	-42.4#	119	0.00
17	T	Carbon Disulfide	1.783	1.594	10.6	63	0.00
18	T	Methyl Acetate	0.306	0.373	-21.9	113	-0.01
19	T	Methyl tert-butyl Ether	1.103	1.307	-18.5	96	0.00
20	T	Methylene Chloride	1.218	0.764	37.3#	75	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.599	1.3	69	0.00
22	T	Diisopropyl ether	1.587	1.895	-19.4	88	0.00
23	T	Vinyl Acetate	1.193	1.528	-28.1#	101	0.00
24	P	1,1-Dichloroethane	1.064	1.157	-8.7	79	0.00
25	T	2-Butanone	0.140	0.195	-39.3#	123	-0.01
26	T	2,2-Dichloropropane	0.860	0.887	-3.1	73	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.709	-2.2	72	0.00
28	T	Bromochloromethane	0.466	0.597	-28.1#	109	0.00
29	T	Tetrahydrofuran	0.087	0.115	-32.2#	119	0.00
30	C	Chloroform	1.077	1.127	-4.6#	77	0.00
31	T	Cyclohexane	0.844	0.842	0.2	73	0.00
32	T	1,1,1-Trichloroethane	0.889	0.887	0.2	71	0.00
33	S	1,2-Dichloroethane-d4	0.508	0.523	-3.0	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.338	0.281	16.9	72	0.00
36	T	1,1-Dichloropropene	0.462	0.405	12.3	69	0.00
37	T	Ethyl Acetate	0.189	0.216	-14.3	113	-0.01
38	T	Carbon Tetrachloride	0.486	0.421	13.4	69	0.00
39	T	Methylcyclohexane	0.551	0.490	11.1	69	0.00
40	TM	Benzene	1.467	1.347	8.2	74	0.00
41	T	Methacrylonitrile	0.104	0.119	-14.4	125	-0.02
42	TM	1,2-Dichloroethane	0.350	0.337	3.7	86	0.00
43	T	Isopropyl Acetate	0.356	0.398	-11.8	110	0.00
44	TM	Trichloroethene	0.365	0.300	17.8	67	0.00
45	C	1,2-Dichloropropane	0.357	0.356	0.3#	84	0.00
46	T	Dibromomethane	0.198	0.183	7.6	84	0.00
47	T	Bromodichloromethane	0.486	0.453	6.8	79	0.00
48	T	Methyl methacrylate	0.159	0.183	-15.1	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	104	-0.01
50	S	Toluene-d8	1.314	1.123	14.5	71	0.00
51	T	4-Methyl-2-Pentanone	0.182	0.219	-20.3	120	0.00
52	CM	Toluene	0.907	0.837	7.7#	73	0.00
53	T	t-1,3-Dichloropropene	0.449	0.440	2.0	86	0.00
54	T	cis-1,3-Dichloropropene	0.540	0.516	4.4	80	0.00
55	T	1,1,2-Trichloroethane	0.261	0.251	3.8	87	0.00
56	T	Ethyl methacrylate	0.309	0.341	-10.4	100	0.00
57	T	1,3-Dichloropropane	0.443	0.441	0.5	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.142	0.145	-2.1	95	0.00
59	T	2-Hexanone	0.127	0.161	-26.8#	122	0.00
60	T	Dibromochloromethane	0.341	0.304	10.9	79	0.00
61	T	1,2-Dibromoethane	0.244	0.221	9.4	83	0.00
62	S	4-Bromofluorobenzene	0.380	0.338	11.1	76	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.337	0.267	20.8	62	0.00
65	PM	Chlorobenzene	1.107	1.020	7.9	74	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.335	8.0	75	0.00
67	C	Ethyl Benzene	1.813	1.733	4.4#	73	0.00
68	T	m/p-Xylenes	0.719	0.689	4.2	74	0.00
69	T	o-Xylene	0.659	0.635	3.6	73	0.00
70	T	Styrene	1.156	1.163	-0.6	77	0.00
71	P	Bromoform	0.206	0.185	10.2	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.384	3.234	4.4	74	0.00
74	T	N-amyl acetate	0.735	0.856	-16.5	112	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.672	-3.4	100	0.00
76	T	1,2,3-Trichloropropane	0.437	0.408	6.6	102	0.00
77	T	Bromobenzene	0.838	0.735	12.3	73	0.00
78	T	n-propylbenzene	4.180	3.994	4.4	74	0.00
79	T	2-Chlorotoluene	2.327	2.218	4.7	76	0.00
80	T	1,3,5-Trimethylbenzene	2.785	2.693	3.3	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.229	0.246	-7.4	106	0.00
82	T	4-Chlorotoluene	2.426	2.358	2.8	78	0.00
83	T	tert-Butylbenzene	2.435	2.283	6.2	73	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.775	2.3	76	0.00
85	T	sec-Butylbenzene	3.705	3.524	4.9	74	0.00
86	T	p-Isopropyltoluene	3.141	3.001	4.5	74	0.00
87	T	1,3-Dichlorobenzene	1.737	1.541	11.3	74	0.00
88	T	1,4-Dichlorobenzene	1.707	1.515	11.2	76	0.00
89	T	n-Butylbenzene	2.920	2.836	2.9	76	0.00
90	T	Hexachloroethane	0.648	0.596	8.0	75	0.00
91	T	1,2-Dichlorobenzene	1.484	1.356	8.6	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.086	0.088	-2.3	99	0.00
93	T	1,2,4-Trichlorobenzene	0.935	0.824	11.9	78	0.00
94	T	Hexachlorobutadiene	0.505	0.412	18.4	67	0.00
95	T	Naphthalene	1.619	1.773	-9.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.823	0.742	9.8	82	0.00

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