Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD077984.D
Acq On : 20 Dec 2023 09:18
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: Dec 21 05:19:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	80	0.00
2	T	Dichlorodifluoromethane	0.625	0.486	22.2	64	0.00
3	P	Chloromethane	0.851	0.752	11.6	71	0.00
4	C	Vinyl Chloride	1.156	1.131	2.2#	76	0.00
5	T	Bromomethane	0.649	0.802	-23.6	95	0.00
6	T	Chloroethane	0.788	0.828	-5.1	82	0.00
7	T	Trichlorofluoromethane	1.064	0.975	8.4	72	0.00
8	T	Diethyl Ether	0.299	0.275	8.0	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.609	0.617	-1.3	78	0.01
10	T	Methyl Iodide	0.399	0.575	-44.1#	85	0.00
11	T	Tert butyl alcohol	0.032	0.027	15.6	78	0.01
12	CM	1,1-Dichloroethene	0.601	0.576	4.2#	74	0.00
13	T	Acrolein	0.062	0.041	33.9#	53	0.00
14	T	Allyl chloride	0.827	0.716	13.4	68	0.00
15	T	Acrylonitrile	0.128	0.120	6.3	74	0.00
16	T	Acetone	0.161	0.139	13.7	94	0.00
17	T	Carbon Disulfide	2.033	1.636	19.5	63	0.00
18	T	Methyl Acetate	0.464	0.472	-1.7	80	0.00
19	T	Methyl tert-butyl Ether	1.275	1.243	2.5	76	0.00
20	T	Methylene Chloride	0.835	0.668	20.0	73	0.00
21	T	trans-1,2-Dichloroethene	0.681	0.659	3.2	73	0.00
22	T	Diisopropyl ether	1.727	1.612	6.7	71	0.00
23	T	Vinyl Acetate	0.844	0.728	13.7	66	0.00
24	P	1,1-Dichloroethane	1.170	1.123	4.0	74	0.00
25	T	2-Butanone	0.185	0.160	13.5	83	0.00
26	T	2,2-Dichloropropane	0.982	0.959	2.3	76	0.00
27	T	cis-1,2-Dichloroethene	0.733	0.742	-1.2	77	0.00
28	T	Bromochloromethane	0.473	0.510	-7.8	84	0.00
29	T	Tetrahydrofuran	0.094	0.084	10.6	71	0.00
30	C	Chloroform	1.171	1.182	-0.9#	77	0.00
31	T	Cyclohexane	1.048	0.877	16.3	66	0.00
32	T	1,1,1-Trichloroethane	1.032	1.022	1.0	76	0.00
33	S	1,2-Dichloroethane-d4	0.589	0.518	12.1	68	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.350	0.345	1.4	75	0.00
36	T	1,1-Dichloropropene	0.560	0.555	0.9	74	0.00
37	T	Ethyl Acetate	0.218	0.178	18.3	70	0.00
38	T	Carbon Tetrachloride	0.558	0.551	1.3	74	0.00
39	T	Methylcyclohexane	0.664	0.646	2.7	71	0.00
40	TM	Benzene	1.590	1.559	1.9	74	0.00
41	T	Methacrylonitrile	0.111	0.115	-3.6	87	0.00
42	TM	1,2-Dichloroethane	0.412	0.411	0.2	76	0.00
43	T	Isopropyl Acetate	0.388	0.352	9.3	71	0.00
44	TM	Trichloroethene	0.414	0.410	1.0	74	0.00
45	C	1,2-Dichloropropane	0.387	0.386	0.3#	76	0.00
46	T	Dibromomethane	0.205	0.212	-3.4	78	0.00
47	T	Bromodichloromethane	0.518	0.554	-6.9	80	0.00
48	T	Methyl methacrylate	0.221	0.202	8.6	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50	S	Toluene-d8	1.403	1.380	1.6	72	0.00
51	T	4-Methyl-2-Pentanone	0.198	0.188	5.1	73	0.00
52	CM	Toluene	0.986	1.009	-2.3#	75	0.00
53	T	t-1,3-Dichloropropene	0.498	0.516	-3.6	78	0.00
54	T	cis-1,3-Dichloropropene	0.602	0.601	0.2	75	0.00
55	T	1,1,2-Trichloroethane	0.280	0.289	-3.2	79	0.00
56	T	Ethyl methacrylate	0.247	0.248	-0.4	76	0.00
57	T	1,3-Dichloropropane	0.482	0.486	-0.8	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.141	0.118	16.3	70	0.00
59	T	2-Hexanone	0.164	0.146	11.0	78	0.00
60	T	Dibromochloromethane	0.337	0.361	-7.1	81	0.00
61	T	1,2-Dibromoethane	0.263	0.275	-4.6	81	0.00
62	S	4-Bromofluorobenzene	0.419	0.424	-1.2	76	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.367	0.365	0.5	73	0.00
65	PM	Chlorobenzene	1.310	1.182	9.8	77	0.00
66	T	1,1,1,2-Tetrachloroethane	0.416	0.435	-4.6	78	0.00
67	C	Ethyl Benzene	2.082	2.174	-4.4#	77	0.00
68	T	m/p-Xylenes	0.796	0.842	-5.8	76	0.00
69	T	o-Xylene	0.734	0.759	-3.4	75	0.00
70	T	Styrene	1.091	1.181	-8.2	78	0.00
71	P	Bromoform	0.217	0.230	-6.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.790	3.863	-1.9	77	0.00
74	T	N-amyl acetate	0.745	0.630	15.4	68	0.00
75	P	1,1,2,2-Tetrachloroethane	0.661	0.670	-1.4	79	0.00
76	T	1,2,3-Trichloropropane	0.434	0.481	-10.8	76	0.00
77	T	Bromobenzene	0.891	0.872	2.1	77	0.00
78	T	n-propylbenzene	4.618	4.781	-3.5	78	0.00
79	T	2-Chlorotoluene	2.475	2.525	-2.0	78	0.00
80	T	1,3,5-Trimethylbenzene	3.161	3.254	-2.9	77	0.00
81	T	trans-1,4-Dichloro-2-butene	0.214	0.212	0.9	79	0.00
82	T	4-Chlorotoluene	2.587	2.667	-3.1	79	0.00
83	T	tert-Butylbenzene	2.668	2.811	-5.4	79	0.00
84	T	1,2,4-Trimethylbenzene	3.161	3.289	-4.0	78	0.00
85	T	sec-Butylbenzene	3.944	4.177	-5.9	79	0.00
86	T	p-Isopropyltoluene	3.531	3.726	-5.5	77	0.00
87	T	1,3-Dichlorobenzene	1.823	1.864	-2.2	78	0.00
88	T	1,4-Dichlorobenzene	1.966	1.813	7.8	77	0.00
89	T	n-Butylbenzene	3.323	3.550	-6.8	78	0.00
90	T	Hexachloroethane	0.649	0.698	-7.6	81	0.00
91	T	1,2-Dichlorobenzene	1.550	1.603	-3.4	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.102	0.095	6.9	77	0.00
93	T	1,2,4-Trichlorobenzene	1.059	1.009	4.7	77	0.00
94	T	Hexachlorobutadiene	0.571	0.567	0.7	75	0.00
95	T	Naphthalene	1.759	1.774	-0.9	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.849	2.7	77	0.00

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