Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
Data File : VD077013.D
Acq On : 14 Aug 2023 20:55
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 04:52:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 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	81	0.00
2	T	Dichlorodifluoromethane	0.298	0.232	22.1	75	0.00
3	P	Chloromethane	0.424	0.409	3.5	82	0.00
4	C	Vinyl Chloride	0.625	0.555	11.2#	77	0.00
5	T	Bromomethane	0.565	0.427	24.4	71	0.00
6	T	Chloroethane	0.513	0.460	10.3	79	0.00
7	T	Trichlorofluoromethane	0.681	0.625	8.2	85	-0.01
8	T	Diethyl Ether	0.219	0.215	1.8	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.466	0.441	5.4	87	-0.01
10	T	Methyl Iodide	0.449	0.418	6.9	74	0.00
11	T	Tert butyl alcohol	0.031	0.034	-9.7	103	-0.01
12	CM	1,1-Dichloroethene	0.383	0.342	10.7#	80	-0.01
13	T	Acrolein	0.013	0.007	46.2#	68	0.00
14	T	Allyl chloride	0.470	0.432	8.1	78	0.00
15	T	Acrylonitrile	0.109	0.125	-14.7	100	0.00
16	T	Acetone	0.091	0.090	1.1	92	0.00
17	T	Carbon Disulfide	0.648	0.543	16.2	69	-0.01
18	T	Methyl Acetate	0.368	0.411	-11.7	97	0.01
19	T	Methyl tert-butyl Ether	1.080	1.175	-8.8	93	0.00
20	T	Methylene Chloride	0.881	0.627	28.8#	91	0.00
21	T	trans-1,2-Dichloroethene	0.437	0.416	4.8	84	0.00
22	T	Diisopropyl ether	1.228	1.318	-7.3	89	0.00
23	T	Vinyl Acetate	0.576	0.623	-8.2	89	0.00
24	P	1,1-Dichloroethane	0.878	0.860	2.1	84	0.00
25	T	2-Butanone	0.132	0.142	-7.6	98	0.00
26	T	2,2-Dichloropropane	0.797	0.685	14.1	78	0.00
27	T	cis-1,2-Dichloroethene	0.600	0.587	2.2	84	0.00
28	T	Bromochloromethane	0.419	0.464	-10.7	92	0.00
29	T	Tetrahydrofuran	0.074	0.083	-12.2	97	0.00
30	C	Chloroform	1.001	1.049	-4.8#	89	0.00
31	T	Cyclohexane	0.547	0.450	17.7	78	0.00
32	T	1,1,1-Trichloroethane	0.822	0.840	-2.2	90	0.00
33	S	1,2-Dichloroethane-d4	0.394	0.398	-1.0	88	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.269	0.283	-5.2	87	0.00
36	T	1,1-Dichloropropene	0.332	0.325	2.1	79	0.00
37	T	Ethyl Acetate	0.153	0.187	-22.2	108	0.00
38	T	Carbon Tetrachloride	0.356	0.368	-3.4	88	0.00
39	T	Methylcyclohexane	0.352	0.336	4.5	79	0.00
40	TM	Benzene	1.069	1.089	-1.9	83	0.00
41	T	Methacrylonitrile	0.083	0.102	-22.9	101	0.00
42	TM	1,2-Dichloroethane	0.288	0.329	-14.2	93	0.00
43	T	Isopropyl Acetate	0.288	0.342	-18.8	98	0.00
44	TM	Trichloroethene	0.295	0.303	-2.7	87	0.00
45	C	1,2-Dichloropropane	0.288	0.307	-6.6#	91	0.00
46	T	Dibromomethane	0.172	0.193	-12.2	94	0.00
47	T	Bromodichloromethane	0.442	0.484	-9.5	93	0.00
48	T	Methyl methacrylate	0.127	0.143	-12.6	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50	S	Toluene-d8	0.863	0.856	0.8	84	0.00
51	T	4-Methyl-2-Pentanone	0.159	0.196	-23.3	103	0.00
52	CM	Toluene	0.702	0.724	-3.1#	84	0.00
53	T	t-1,3-Dichloropropene	0.385	0.416	-8.1	89	0.00
54	T	cis-1,3-Dichloropropene	0.447	0.469	-4.9	87	0.00
55	T	1,1,2-Trichloroethane	0.255	0.290	-13.7	95	0.00
56	T	Ethyl methacrylate	0.265	0.317	-19.6	97	0.00
57	T	1,3-Dichloropropane	0.397	0.437	-10.1	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.100	0.103	-3.0	93	0.00
59	T	2-Hexanone	0.108	0.133	-23.1	101	0.00
60	T	Dibromochloromethane	0.308	0.356	-15.6	94	0.00
61	T	1,2-Dibromoethane	0.227	0.255	-12.3	93	0.00
62	S	4-Bromofluorobenzene	0.302	0.325	-7.6	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.252	0.266	-5.6	92	0.00
65	PM	Chlorobenzene	0.885	0.887	-0.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.349	0.371	-6.3	92	0.00
67	C	Ethyl Benzene	1.492	1.511	-1.3#	87	0.00
68	T	m/p-Xylenes	0.580	0.597	-2.9	87	0.00
69	T	o-Xylene	0.556	0.586	-5.4	91	0.00
70	T	Styrene	0.991	1.050	-6.0	87	0.00
71	P	Bromoform	0.194	0.229	-18.0	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.146	2.964	5.8	88	0.00
74	T	N-amyl acetate	0.627	0.651	-3.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	0.693	0.718	-3.6	101	0.00
76	T	1,2,3-Trichloropropane	0.469	0.456	2.8	84	0.00
77	T	Bromobenzene	0.766	0.741	3.3	94	0.00
78	T	n-propylbenzene	3.827	3.573	6.6	87	0.00
79	T	2-Chlorotoluene	2.104	1.981	5.8	89	0.00
80	T	1,3,5-Trimethylbenzene	2.554	2.483	2.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.200	0.195	2.5	95	0.00
82	T	4-Chlorotoluene	2.202	2.096	4.8	89	0.00
83	T	tert-Butylbenzene	2.342	2.265	3.3	91	0.00
84	T	1,2,4-Trimethylbenzene	2.602	2.541	2.3	91	0.00
85	T	sec-Butylbenzene	3.538	3.376	4.6	91	0.00
86	T	p-Isopropyltoluene	2.922	2.810	3.8	90	0.00
87	T	1,3-Dichlorobenzene	1.588	1.564	1.5	94	0.00
88	T	1,4-Dichlorobenzene	1.583	1.561	1.4	95	0.00
89	T	n-Butylbenzene	2.783	2.643	5.0	90	0.00
90	T	Hexachloroethane	0.590	0.585	0.8	99	0.00
91	T	1,2-Dichlorobenzene	1.412	1.387	1.8	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.103	-9.6	113	0.00
93	T	1,2,4-Trichlorobenzene	0.873	0.854	2.2	95	0.00
94	T	Hexachlorobutadiene	0.437	0.424	3.0	99	0.00
95	T	Naphthalene	1.776	1.886	-6.2	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.779	0.788	-1.2	97	0.00

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