Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
Data File : VY015553.D
Acq On : 14 Sep 2023 22:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 15 09:21:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	87	0.00
2	T	Dichlorodifluoromethane	0.435	0.299	31.3#	57	0.00
3	P	Chloromethane	0.577	0.503	12.8	71	0.00
4	C	Vinyl Chloride	0.672	0.594	11.6#	72	0.00
5	T	Bromomethane	0.478	0.516	-7.9	89	0.00
6	T	Chloroethane	0.442	0.419	5.2	79	0.00
7	T	Trichlorofluoromethane	0.950	0.857	9.8	75	0.00
8	T	Diethyl Ether	0.325	0.334	-2.8	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.527	0.476	9.7	75	0.00
10	T	Methyl Iodide	0.619	0.495	20.0	62	0.00
11	T	Tert butyl alcohol	0.124	0.106	14.5	77	0.01
12	CM	1,1-Dichloroethene	0.497	0.477	4.0#	79	0.00
13	T	Acrolein	0.126	0.090	28.6#	44#	0.00
14	T	Allyl chloride	0.791	0.767	3.0	78	0.00
15	T	Acrylonitrile	0.204	0.223	-9.3	84	0.00
16	T	Acetone	0.224	0.189	15.6	59	0.01
17	T	Carbon Disulfide	1.486	1.376	7.4	76	0.00
18	T	Methyl Acetate	0.810	0.883	-9.0	84	0.00
19	T	Methyl tert-butyl Ether	1.615	1.675	-3.7	82	0.01
20	T	Methylene Chloride	0.892	0.750	15.9	89	0.01
21	T	trans-1,2-Dichloroethene	0.572	0.567	0.9	81	0.01
22	T	Diisopropyl ether	1.731	1.715	0.9	81	0.01
23	T	Vinyl Acetate	1.093	1.099	-0.5	79	0.01
24	P	1,1-Dichloroethane	1.001	0.999	0.2	84	0.02
25	T	2-Butanone	0.317	0.327	-3.2	76	0.01
26	T	2,2-Dichloropropane	0.850	0.789	7.2	77	0.01
27	T	cis-1,2-Dichloroethene	0.649	0.669	-3.1	84	0.01
28	T	Bromochloromethane	0.307	0.243	20.8	68	0.01
29	T	Tetrahydrofuran	0.199	0.216	-8.5	83	0.00
30	C	Chloroform	1.052	1.064	-1.1#	84	0.01
31	T	Cyclohexane	0.952	0.834	12.4	76	0.00
32	T	1,1,1-Trichloroethane	0.939	0.933	0.6	82	0.01
33	S	1,2-Dichloroethane-d4	0.536	0.490	8.6	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.288	0.270	6.2	81	0.00
36	T	1,1-Dichloropropene	0.506	0.480	5.1	81	0.00
37	T	Ethyl Acetate	0.390	0.409	-4.9	83	0.01
38	T	Carbon Tetrachloride	0.522	0.502	3.8	82	0.01
39	T	Methylcyclohexane	0.637	0.575	9.7	76	0.00
40	TM	Benzene	1.411	1.387	1.7	83	0.01
41	T	Methacrylonitrile	0.183	0.572	-212.6#	247#	0.04
42	TM	1,2-Dichloroethane	0.470	0.467	0.6	82	0.00
43	T	Isopropyl Acetate	0.674	0.702	-4.2	83	0.01
44	TM	Trichloroethene	0.399	0.402	-0.8	86	0.00
45	C	1,2-Dichloropropane	0.356	0.351	1.4#	83	0.00
46	T	Dibromomethane	0.236	0.236	0.0	83	0.01
47	T	Bromodichloromethane	0.505	0.514	-1.8	85	0.00
48	T	Methyl methacrylate	0.309	0.317	-2.6	80	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	85	0.01
50	S	Toluene-d8	1.043	0.900	13.7	77	0.00
51	T	4-Methyl-2-Pentanone	0.392	0.420	-7.1	83	0.00
52	CM	Toluene	0.904	0.895	1.0#	83	0.00
53	T	t-1,3-Dichloropropene	0.537	0.538	-0.2	81	0.00
54	T	cis-1,3-Dichloropropene	0.584	0.576	1.4	81	0.00
55	T	1,1,2-Trichloroethane	0.318	0.326	-2.5	85	0.00
56	T	Ethyl methacrylate	0.472	0.494	-4.7	83	0.00
57	T	1,3-Dichloropropane	0.548	0.560	-2.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.168	0.146	13.1	74	0.00
59	T	2-Hexanone	0.294	0.311	-5.8	80	0.00
60	T	Dibromochloromethane	0.373	0.386	-3.5	85	0.00
61	T	1,2-Dibromoethane	0.323	0.333	-3.1	84	0.00
62	S	4-Bromofluorobenzene	0.387	0.355	8.3	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.454	0.484	-6.6	89	0.00
65	PM	Chlorobenzene	1.077	1.062	1.4	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.398	-1.0	85	0.00
67	C	Ethyl Benzene	1.935	1.894	2.1#	83	0.00
68	T	m/p-Xylenes	0.750	0.733	2.3	83	0.00
69	T	o-Xylene	0.717	0.707	1.4	83	0.00
70	T	Styrene	1.205	1.203	0.2	82	0.00
71	P	Bromoform	0.275	0.297	-8.0	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.756	3.500	6.8	81	0.00
74	T	N-amyl acetate	1.262	1.266	-0.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.897	0.873	2.7	82	0.00
76	T	1,2,3-Trichloropropane	0.663	1.183	-78.4#	147	0.00
77	T	Bromobenzene	0.890	0.851	4.4	83	0.00
78	T	n-propylbenzene	4.544	4.208	7.4	79	0.00
79	T	2-Chlorotoluene	2.549	2.384	6.5	81	0.00
80	T	1,3,5-Trimethylbenzene	3.141	2.933	6.6	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.301	0.292	3.0	80	0.00
82	T	4-Chlorotoluene	2.649	2.517	5.0	82	0.00
83	T	tert-Butylbenzene	2.751	2.518	8.5	78	0.00
84	T	1,2,4-Trimethylbenzene	3.119	2.948	5.5	81	0.00
85	T	sec-Butylbenzene	4.104	3.774	8.0	79	0.00
86	T	p-Isopropyltoluene	3.440	3.198	7.0	79	0.00
87	T	1,3-Dichlorobenzene	1.756	1.664	5.2	82	0.00
88	T	1,4-Dichlorobenzene	1.775	1.680	5.4	82	0.00
89	T	n-Butylbenzene	3.237	2.938	9.2	78	0.00
90	T	Hexachloroethane	0.615	0.574	6.7	80	0.00
91	T	1,2-Dichlorobenzene	1.603	1.545	3.6	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.177	0.184	-4.0	83	0.00
93	T	1,2,4-Trichlorobenzene	1.006	0.948	5.8	79	0.00
94	T	Hexachlorobutadiene	0.549	0.491	10.6	79	0.00
95	T	Naphthalene	2.493	2.552	-2.4	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.870	5.2	81	0.00

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