Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008937.D
Acq On : 21 May 2022 09:57
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 21 21:26:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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	86	0.00
2	T	Dichlorodifluoromethane	0.457	0.463	-1.3	83	0.00
3	P	Chloromethane	0.655	0.756	-15.4	95	0.00
4	C	Vinyl Chloride	0.971	1.036	-6.7#	88	0.00
5	T	Bromomethane	0.951	0.898	5.6	94	0.00
6	T	Chloroethane	0.688	0.731	-6.3	92	0.00
7	T	Trichlorofluoromethane	0.824	0.847	-2.8	87	0.00
8	T	Diethyl Ether	0.258	0.274	-6.2	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.507	0.511	-0.8	84	0.00
10	T	Methyl Iodide	0.523	0.582	-11.3	82	0.00
11	T	Tert butyl alcohol	0.052	0.045	13.5	77	0.00
12	CM	1,1-Dichloroethene	0.470	0.500	-6.4#	90	0.01
13	T	Acrolein	0.017	0.007	58.8#	64	0.00
14	T	Allyl chloride	0.709	0.773	-9.0	90	0.00
15	T	Acrylonitrile	0.144	0.143	0.7	86	0.00
16	T	Acetone	0.107	0.100	6.5	82	0.00
17	T	Carbon Disulfide	1.536	1.669	-8.7	90	0.00
18	T	Methyl Acetate	0.334	0.436	-30.5#	111	0.00
19	T	Methyl tert-butyl Ether	1.412	1.475	-4.5	88	0.00
20	T	Methylene Chloride	0.788	0.688	12.7	96	0.00
21	T	trans-1,2-Dichloroethene	0.604	0.654	-8.3	94	0.00
22	T	Diisopropyl ether	1.703	1.868	-9.7	92	0.00
23	T	Vinyl Acetate	1.126	1.120	0.5	81	0.00
24	P	1,1-Dichloroethane	1.018	1.149	-12.9	96	0.00
25	T	2-Butanone	0.191	0.186	2.6	81	0.00
26	T	2,2-Dichloropropane	0.938	0.878	6.4	80	0.00
27	T	cis-1,2-Dichloroethene	0.680	0.756	-11.2	93	0.00
28	T	Bromochloromethane	0.350	0.364	-4.0	92	0.00
29	T	Tetrahydrofuran	0.130	0.130	0.0	82	0.00
30	C	Chloroform	1.099	1.228	-11.7#	95	0.00
31	T	Cyclohexane	1.007	1.004	0.3	86	0.00
32	T	1,1,1-Trichloroethane	0.997	1.087	-9.0	90	0.00
33	S	1,2-Dichloroethane-d4	0.515	0.414	19.6	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.311	0.264	15.1	91	0.00
36	T	1,1-Dichloropropene	0.529	0.541	-2.3	90	0.00
37	T	Ethyl Acetate	0.274	0.244	10.9	79	0.00
38	T	Carbon Tetrachloride	0.554	0.557	-0.5	88	0.00
39	T	Methylcyclohexane	0.683	0.688	-0.7	85	0.00
40	TM	Benzene	1.526	1.628	-6.7	93	0.00
41	T	Methacrylonitrile	0.142	0.135	4.9	81	0.00
42	TM	1,2-Dichloroethane	0.448	0.465	-3.8	91	0.00
43	T	Isopropyl Acetate	0.510	0.490	3.9	82	0.00
44	TM	Trichloroethene	0.404	0.427	-5.7	93	0.00
45	C	1,2-Dichloropropane	0.366	0.393	-7.4#	92	0.00
46	T	Dibromomethane	0.233	0.247	-6.0	92	0.00
47	T	Bromodichloromethane	0.532	0.566	-6.4	93	0.00
48	T	Methyl methacrylate	0.228	0.225	1.3	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	83	0.00
50	S	Toluene-d8	1.147	0.891	22.3	91	0.00
51	T	4-Methyl-2-Pentanone	0.282	0.278	1.4	82	0.00
52	CM	Toluene	1.066	1.179	-10.6#	92	0.00
53	T	t-1,3-Dichloropropene	0.565	0.586	-3.7	87	0.00
54	T	cis-1,3-Dichloropropene	0.608	0.628	-3.3	89	0.00
55	T	1,1,2-Trichloroethane	0.326	0.347	-6.4	91	0.00
56	T	Ethyl methacrylate	0.417	0.448	-7.4	88	0.00
57	T	1,3-Dichloropropane	0.532	0.563	-5.8	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.180	0.176	2.2	82	0.00
59	T	2-Hexanone	0.193	0.189	2.1	79	0.00
60	T	Dibromochloromethane	0.395	0.421	-6.6	90	0.00
61	T	1,2-Dibromoethane	0.323	0.334	-3.4	87	0.00
62	S	4-Bromofluorobenzene	0.463	0.463	0.0	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.364	0.377	-3.6	90	0.00
65	PM	Chlorobenzene	1.148	1.229	-7.1	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.420	0.456	-8.6	91	0.00
67	C	Ethyl Benzene	2.068	2.279	-10.2#	91	0.00
68	T	m/p-Xylenes	0.840	0.960	-14.3	90	0.00
69	T	o-Xylene	0.780	0.901	-15.5	92	0.00
70	T	Styrene	1.341	1.581	-17.9	90	0.00
71	P	Bromoform	0.279	0.290	-3.9	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.739	3.813	-2.0	90	0.00
74	T	N-amyl acetate	0.863	0.777	10.0	79	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.691	10.3	83	0.00
76	T	1,2,3-Trichloropropane	0.537	0.528	1.7	85	0.00
77	T	Bromobenzene	0.867	0.836	3.6	88	0.00
78	T	n-propylbenzene	4.320	4.683	-8.4	141	0.00
79	T	2-Chlorotoluene	2.492	2.596	-4.2	90	0.00
80	T	1,3,5-Trimethylbenzene	3.134	3.332	-6.3	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.262	0.219	16.4	75	0.00
82	T	4-Chlorotoluene	2.665	2.844	-6.7	89	0.00
83	T	tert-Butylbenzene	2.780	2.869	-3.2	88	0.00
84	T	1,2,4-Trimethylbenzene	3.111	3.376	-8.5	90	0.00
85	T	sec-Butylbenzene	4.254	4.261	-0.2	83	0.00
86	T	p-Isopropyltoluene	3.547	3.849	-8.5	89	0.00
87	T	1,3-Dichlorobenzene	1.849	1.942	-5.0	89	0.00
88	T	1,4-Dichlorobenzene	1.857	1.927	-3.8	89	0.00
89	T	n-Butylbenzene	3.245	3.382	-4.2	88	0.00
90	T	Hexachloroethane	0.665	0.681	-2.4	89	0.00
91	T	1,2-Dichlorobenzene	1.632	1.695	-3.9	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.120	0.101	15.8	75	0.00
93	T	1,2,4-Trichlorobenzene	0.896	0.818	8.7	83	0.00
94	T	Hexachlorobutadiene	0.488	0.447	8.4	85	0.00
95	T	Naphthalene	1.799	1.638	8.9	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.713	8.4	84	0.00

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