Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008964.D
Acq On : 21 May 2022 20:52
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 21 21:33:42 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	77	0.00
2	T	Dichlorodifluoromethane	0.457	0.440	3.7	71	0.00
3	P	Chloromethane	0.655	0.792	-20.9	89	0.00
4	C	Vinyl Chloride	0.971	1.159	-19.4#	89	0.00
5	T	Bromomethane	0.951	0.960	-0.9	90	0.00
6	T	Chloroethane	0.688	0.795	-15.6	90	0.00
7	T	Trichlorofluoromethane	0.824	0.804	2.4	74	0.00
8	T	Diethyl Ether	0.258	0.262	-1.6	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.507	0.495	2.4	73	0.00
10	T	Methyl Iodide	0.523	0.529	-1.1	66	0.00
11	T	Tert butyl alcohol	0.052	0.050	3.8	77	0.00
12	CM	1,1-Dichloroethene	0.470	0.455	3.2#	74	0.00
13	T	Acrolein	0.017	0.010	41.2#	86	0.00
14	T	Allyl chloride	0.709	0.699	1.4	73	0.00
15	T	Acrylonitrile	0.144	0.147	-2.1	78	0.00
16	T	Acetone	0.107	0.104	2.8	77	0.00
17	T	Carbon Disulfide	1.536	1.525	0.7	74	0.00
18	T	Methyl Acetate	0.334	0.345	-3.3	79	0.00
19	T	Methyl tert-butyl Ether	1.412	1.403	0.6	75	0.00
20	T	Methylene Chloride	0.788	0.566	28.2#	71	0.00
21	T	trans-1,2-Dichloroethene	0.604	0.578	4.3	74	0.00
22	T	Diisopropyl ether	1.703	1.743	-2.3	77	0.00
23	T	Vinyl Acetate	1.126	1.179	-4.7	76	0.00
24	P	1,1-Dichloroethane	1.018	1.014	0.4	76	0.00
25	T	2-Butanone	0.191	0.198	-3.7	77	0.00
26	T	2,2-Dichloropropane	0.938	0.789	15.9	64	0.00
27	T	cis-1,2-Dichloroethene	0.680	0.669	1.6	74	0.00
28	T	Bromochloromethane	0.350	0.363	-3.7	82	0.00
29	T	Tetrahydrofuran	0.130	0.138	-6.2	79	0.00
30	C	Chloroform	1.099	1.091	0.7#	75	0.00
31	T	Cyclohexane	1.007	0.932	7.4	71	0.00
32	T	1,1,1-Trichloroethane	0.997	0.966	3.1	72	0.00
33	S	1,2-Dichloroethane-d4	0.515	0.464	9.9	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.311	0.284	8.7	87	0.00
36	T	1,1-Dichloropropene	0.529	0.508	4.0	74	0.00
37	T	Ethyl Acetate	0.274	0.269	1.8	77	-0.01
38	T	Carbon Tetrachloride	0.554	0.508	8.3	71	0.00
39	T	Methylcyclohexane	0.683	0.637	6.7	69	0.00
40	TM	Benzene	1.526	1.486	2.6	74	0.00
41	T	Methacrylonitrile	0.142	0.131	7.7	69	0.00
42	TM	1,2-Dichloroethane	0.448	0.445	0.7	77	0.00
43	T	Isopropyl Acetate	0.510	0.527	-3.3	78	0.00
44	TM	Trichloroethene	0.404	0.375	7.2	72	0.00
45	C	1,2-Dichloropropane	0.366	0.367	-0.3#	75	0.00
46	T	Dibromomethane	0.233	0.230	1.3	75	0.00
47	T	Bromodichloromethane	0.532	0.517	2.8	74	0.00
48	T	Methyl methacrylate	0.228	0.241	-5.7	77	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	77	0.00
50	S	Toluene-d8	1.147	0.957	16.6	86	0.00
51	T	4-Methyl-2-Pentanone	0.282	0.299	-6.0	77	0.00
52	CM	Toluene	1.066	1.064	0.2#	73	0.00
53	T	t-1,3-Dichloropropene	0.565	0.550	2.7	71	0.00
54	T	cis-1,3-Dichloropropene	0.608	0.579	4.8	72	0.00
55	T	1,1,2-Trichloroethane	0.326	0.315	3.4	72	0.00
56	T	Ethyl methacrylate	0.417	0.436	-4.6	75	0.00
57	T	1,3-Dichloropropane	0.532	0.530	0.4	74	0.00
58	T	2-Chloroethyl Vinyl ether	0.180	0.188	-4.4	77	0.00
59	T	2-Hexanone	0.193	0.212	-9.8	78	0.00
60	T	Dibromochloromethane	0.395	0.393	0.5	74	0.00
61	T	1,2-Dibromoethane	0.323	0.326	-0.9	75	0.00
62	S	4-Bromofluorobenzene	0.463	0.495	-6.9	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.364	0.336	7.7	71	0.00
65	PM	Chlorobenzene	1.148	1.099	4.3	73	0.00
66	T	1,1,1,2-Tetrachloroethane	0.420	0.408	2.9	72	0.00
67	C	Ethyl Benzene	2.068	2.018	2.4#	71	0.00
68	T	m/p-Xylenes	0.840	0.807	3.9	67	0.00
69	T	o-Xylene	0.780	0.799	-2.4	72	0.00
70	T	Styrene	1.341	1.410	-5.1	71	0.00
71	P	Bromoform	0.279	0.285	-2.2	73	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.739	3.216	14.0	70	0.00
74	T	N-amyl acetate	0.863	0.837	3.0	77	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.677	12.1	74	0.00
76	T	1,2,3-Trichloropropane	0.537	0.452	15.8	67	0.00
77	T	Bromobenzene	0.867	0.735	15.2	71	0.00
78	T	n-propylbenzene	4.320	4.092	5.3	113	0.00
79	T	2-Chlorotoluene	2.492	2.055	17.5	65	0.00
80	T	1,3,5-Trimethylbenzene	3.134	2.886	7.9	71	0.00
81	T	trans-1,4-Dichloro-2-butene	0.262	0.217	17.2	68	0.00
82	T	4-Chlorotoluene	2.665	2.504	6.0	71	0.00
83	T	tert-Butylbenzene	2.780	2.539	8.7	71	0.00
84	T	1,2,4-Trimethylbenzene	3.111	2.976	4.3	73	0.00
85	T	sec-Butylbenzene	4.254	4.000	6.0	72	0.00
86	T	p-Isopropyltoluene	3.547	3.394	4.3	72	0.00
87	T	1,3-Dichlorobenzene	1.849	1.725	6.7	73	0.00
88	T	1,4-Dichlorobenzene	1.857	1.729	6.9	73	0.00
89	T	n-Butylbenzene	3.245	3.099	4.5	74	0.00
90	T	Hexachloroethane	0.665	0.600	9.8	72	0.00
91	T	1,2-Dichlorobenzene	1.632	1.548	5.1	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.120	0.102	15.0	70	0.00
93	T	1,2,4-Trichlorobenzene	0.896	0.772	13.8	72	0.00
94	T	Hexachlorobutadiene	0.488	0.418	14.3	72	0.00
95	T	Naphthalene	1.799	1.682	6.5	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.686	11.8	74	0.00

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