Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
Data File : VD072659.D
Acq On : 20 Apr 2022 20:52
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 21 01:56:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 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	76	0.00
2	T	Dichlorodifluoromethane	0.397	0.303	23.7	52	0.00
3	P	Chloromethane	0.367	0.335	8.7	59	0.00
4	C	Vinyl Chloride	0.385	0.333	13.5#	55	0.00
5	T	Bromomethane	0.283	0.246	13.1	59	-0.01
6	T	Chloroethane	0.270	0.244	9.6	59	-0.01
7	T	Trichlorofluoromethane	0.861	0.764	11.3	59	-0.01
8	T	Diethyl Ether	0.256	0.239	6.6	65	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.574	0.497	13.4	60	0.00
10	T	Methyl Iodide	0.457	0.384	16.0	51	0.00
11	T	Tert butyl alcohol	0.032	0.056	-75.0#	130	-0.02
12	CM	1,1-Dichloroethene	0.449	0.412	8.2#	60	0.00
13	T	Acrolein	0.014	0.010	28.6#	87	0.00
14	T	Allyl chloride	0.721	0.671	6.9	60	0.00
15	T	Acrylonitrile	0.128	0.124	3.1	70	-0.01
16	T	Acetone	0.113	0.089	21.2	56	0.00
17	T	Carbon Disulfide	0.795	0.785	1.3	54	-0.01
18	T	Methyl Acetate	0.318	0.280	11.9	73	0.00
19	T	Methyl tert-butyl Ether	1.311	1.292	1.4	69	0.00
20	T	Methylene Chloride	0.671	0.625	6.9	71	0.00
21	T	trans-1,2-Dichloroethene	0.502	0.485	3.4	61	0.00
22	T	Diisopropyl ether	1.804	1.728	4.2	66	0.00
23	T	Vinyl Acetate	0.871	0.910	-4.5	66	0.00
24	P	1,1-Dichloroethane	1.087	1.025	5.7	66	0.00
25	T	2-Butanone	0.156	0.148	5.1	66	0.00
26	T	2,2-Dichloropropane	0.966	0.847	12.3	61	0.00
27	T	cis-1,2-Dichloroethene	0.682	0.635	6.9	63	0.00
28	T	Bromochloromethane	0.466	0.549	-17.8	86	0.00
29	T	Tetrahydrofuran	0.094	0.094	0.0	69	0.00
30	C	Chloroform	1.223	1.136	7.1#	66	0.00
31	T	Cyclohexane	0.791	0.719	9.1	59	0.00
32	T	1,1,1-Trichloroethane	1.037	0.966	6.8	64	0.00
33	S	1,2-Dichloroethane-d4	0.605	0.655	-8.3	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.389	0.400	-2.8	83	0.00
36	T	1,1-Dichloropropene	0.455	0.407	10.5	61	0.00
37	T	Ethyl Acetate	0.206	0.193	6.3	70	0.00
38	T	Carbon Tetrachloride	0.535	0.460	14.0	61	0.00
39	T	Methylcyclohexane	0.498	0.498	0.0	65	0.00
40	TM	Benzene	1.357	1.230	9.4	63	0.00
41	T	Methacrylonitrile	0.112	0.098	12.5	70	0.00
42	TM	1,2-Dichloroethane	0.415	0.376	9.4	66	0.00
43	T	Isopropyl Acetate	0.395	0.384	2.8	71	0.00
44	TM	Trichloroethene	0.385	0.344	10.6	63	0.00
45	C	1,2-Dichloropropane	0.377	0.345	8.5#	67	0.00
46	T	Dibromomethane	0.198	0.183	7.6	66	0.00
47	T	Bromodichloromethane	0.569	0.515	9.5	69	0.00
48	T	Methyl methacrylate	0.192	0.194	-1.0	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	77	0.00
50	S	Toluene-d8	1.351	1.344	0.5	80	0.00
51	T	4-Methyl-2-Pentanone	0.212	0.207	2.4	72	0.00
52	CM	Toluene	0.902	0.829	8.1#	64	0.00
53	T	t-1,3-Dichloropropene	0.496	0.440	11.3	64	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.522	10.9	65	0.00
55	T	1,1,2-Trichloroethane	0.300	0.287	4.3	72	0.00
56	T	Ethyl methacrylate	0.339	0.335	1.2	69	0.00
57	T	1,3-Dichloropropane	0.496	0.452	8.9	68	0.00
58	T	2-Chloroethyl Vinyl ether	0.148	0.167	-12.8	84	0.00
59	T	2-Hexanone	0.144	0.139	3.5	70	0.00
60	T	Dibromochloromethane	0.387	0.345	10.9	67	0.00
61	T	1,2-Dibromoethane	0.267	0.251	6.0	69	0.00
62	S	4-Bromofluorobenzene	0.528	0.537	-1.7	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.327	0.275	15.9	62	0.00
65	PM	Chlorobenzene	1.118	0.975	12.8	66	0.00
66	T	1,1,1,2-Tetrachloroethane	0.447	0.394	11.9	68	0.00
67	C	Ethyl Benzene	1.951	1.699	12.9#	63	0.00
68	T	m/p-Xylenes	0.740	0.655	11.5	64	0.00
69	T	o-Xylene	0.714	0.623	12.7	64	0.00
70	T	Styrene	1.258	1.128	10.3	65	0.00
71	P	Bromoform	0.237	0.217	8.4	72	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	4.038	3.366	16.6	63	0.00
74	T	N-amyl acetate	0.847	0.751	11.3	69	0.00
75	P	1,1,2,2-Tetrachloroethane	0.765	0.642	16.1	71	0.00
76	T	1,2,3-Trichloropropane	0.545	0.459	15.8	61	0.00
77	T	Bromobenzene	0.905	0.755	16.6	65	0.00
78	T	n-propylbenzene	4.871	4.037	17.1	63	0.00
79	T	2-Chlorotoluene	2.849	2.408	15.5	65	0.00
80	T	1,3,5-Trimethylbenzene	3.458	2.868	17.1	64	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.194	12.6	69	0.00
82	T	4-Chlorotoluene	2.967	2.473	16.6	66	0.00
83	T	tert-Butylbenzene	2.994	2.518	15.9	65	0.00
84	T	1,2,4-Trimethylbenzene	3.382	2.853	15.6	66	0.00
85	T	sec-Butylbenzene	4.510	3.716	17.6	63	0.00
86	T	p-Isopropyltoluene	3.686	3.054	17.1	64	0.00
87	T	1,3-Dichlorobenzene	1.875	1.560	16.8	67	0.00
88	T	1,4-Dichlorobenzene	1.890	1.519	19.6	65	0.00
89	T	n-Butylbenzene	3.512	2.830	19.4	62	0.00
90	T	Hexachloroethane	0.755	0.623	17.5	67	0.00
91	T	1,2-Dichlorobenzene	1.654	1.367	17.4	66	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.113	0.101	10.6	74	0.00
93	T	1,2,4-Trichlorobenzene	1.025	0.821	19.9	63	0.00
94	T	Hexachlorobutadiene	0.574	0.481	16.2	68	0.00
95	T	Naphthalene	1.992	1.606	19.4	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.895	0.744	16.9	66	0.00

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