Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016736.D
Acq On : 21 Dec 2023 03:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 21 04:02:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	91	0.02
2	T	Dichlorodifluoromethane	0.427	0.343	19.7	89	0.00
3	P	Chloromethane	0.657	0.602	8.4	101	0.01
4	C	Vinyl Chloride	0.742	0.678	8.6#	95	0.01
5	T	Bromomethane	0.528	0.498	5.7	105	0.01
6	T	Chloroethane	0.503	0.474	5.8	101	0.01
7	T	Trichlorofluoromethane	0.864	0.751	13.1	91	0.02
8	T	Diethyl Ether	0.276	0.289	-4.7	106	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.530	0.463	12.6	91	0.02
10	T	Methyl Iodide	0.552	0.561	-1.6	100	0.02
11	T	Tert butyl alcohol	0.037	0.036	2.7	100	0.03
12	CM	1,1-Dichloroethene	0.472	0.445	5.7#	96	0.02
13	T	Acrolein	0.029	0.029	0.0	88	0.02
14	T	Allyl chloride	0.723	0.733	-1.4	102	0.02
15	T	Acrylonitrile	0.117	0.128	-9.4	104	0.03
16	T	Acetone	0.123	0.101	17.9	94	0.02
17	T	Carbon Disulfide	1.284	1.263	1.6	97	0.02
18	T	Methyl Acetate	0.482	0.594	-23.2	108	0.02
19	T	Methyl tert-butyl Ether	1.215	1.285	-5.8	106	0.02
20	T	Methylene Chloride	0.723	0.615	14.9	106	0.02
21	T	trans-1,2-Dichloroethene	0.538	0.540	-0.4	101	0.02
22	T	Diisopropyl ether	1.636	1.709	-4.5	104	0.02
23	T	Vinyl Acetate	0.774	0.787	-1.7	102	0.02
24	P	1,1-Dichloroethane	0.983	0.990	-0.7	102	0.02
25	T	2-Butanone	0.170	0.161	5.3	101	0.02
26	T	2,2-Dichloropropane	0.857	0.771	10.0	94	0.02
27	T	cis-1,2-Dichloroethene	0.620	0.628	-1.3	102	0.02
28	T	Bromochloromethane	0.389	0.437	-12.3	93	0.02
29	T	Tetrahydrofuran	0.093	0.105	-12.9	105	0.02
30	C	Chloroform	1.006	1.006	0.0	103	0.02
31	T	Cyclohexane	0.875	0.760	13.1	92	0.02
32	T	1,1,1-Trichloroethane	0.883	0.838	5.1	98	0.02
33	S	1,2-Dichloroethane-d4	0.456	0.494	-8.3	86	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.01
35	S	Dibromofluoromethane	0.286	0.286	0.0	85	0.02
36	T	1,1-Dichloropropene	0.459	0.409	10.9	97	0.02
37	T	Ethyl Acetate	0.197	0.203	-3.0	105	0.02
38	T	Carbon Tetrachloride	0.454	0.393	13.4	95	0.02
39	T	Methylcyclohexane	0.530	0.471	11.1	94	0.02
40	TM	Benzene	1.336	1.268	5.1	102	0.02
41	T	Methacrylonitrile	0.104	0.118	-13.5	105	0.02
42	TM	1,2-Dichloroethane	0.349	0.343	1.7	104	0.01
43	T	Isopropyl Acetate	0.382	0.391	-2.4	107	0.01
44	TM	Trichloroethene	0.341	0.315	7.6	101	0.02
45	C	1,2-Dichloropropane	0.335	0.322	3.9#	104	0.01
46	T	Dibromomethane	0.173	0.171	1.2	106	0.02
47	T	Bromodichloromethane	0.456	0.432	5.3	103	0.01
48	T	Methyl methacrylate	0.212	0.218	-2.8	105	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	108	0.01
50	S	Toluene-d8	1.032	1.017	1.5	83	0.01
51	T	4-Methyl-2-Pentanone	0.204	0.213	-4.4	107	0.01
52	CM	Toluene	0.801	0.767	4.2#	101	0.01
53	T	t-1,3-Dichloropropene	0.416	0.409	1.7	103	0.01
54	T	cis-1,3-Dichloropropene	0.502	0.485	3.4	102	0.01
55	T	1,1,2-Trichloroethane	0.247	0.239	3.2	104	0.01
56	T	Ethyl methacrylate	0.217	0.230	-6.0	107	0.01
57	T	1,3-Dichloropropane	0.420	0.415	1.2	105	0.01
58	T	2-Chloroethyl Vinyl ether	0.117	0.123	-5.1	76	0.02
59	T	2-Hexanone	0.152	0.145	4.6	103	0.00
60	T	Dibromochloromethane	0.286	0.279	2.4	105	0.01
61	T	1,2-Dibromoethane	0.222	0.223	-0.5	106	0.01
62	S	4-Bromofluorobenzene	0.335	0.331	1.2	84	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.01
64	T	Tetrachloroethene	0.311	0.299	3.9	106	0.02
65	PM	Chlorobenzene	0.982	0.920	6.3	102	0.01
66	T	1,1,1,2-Tetrachloroethane	0.370	0.349	5.7	103	0.01
67	C	Ethyl Benzene	1.808	1.688	6.6#	101	0.01
68	T	m/p-Xylenes	0.668	0.631	5.5	101	0.01
69	T	o-Xylene	0.613	0.592	3.4	102	0.01
70	T	Styrene	0.906	0.873	3.6	101	0.01
71	P	Bromoform	0.184	0.180	2.2	104	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.01
73	T	Isopropylbenzene	3.894	3.721	4.4	100	0.01
74	T	N-amyl acetate	0.817	0.844	-3.3	107	0.00
75	P	1,1,2,2-Tetrachloroethane	0.778	0.786	-1.0	108	0.00
76	T	1,2,3-Trichloropropane	0.553	0.542	2.0	117	0.01
77	T	Bromobenzene	0.850	0.822	3.3	103	0.01
78	T	n-propylbenzene	4.718	4.454	5.6	99	0.01
79	T	2-Chlorotoluene	2.611	2.478	5.1	100	0.01
80	T	1,3,5-Trimethylbenzene	3.082	2.968	3.7	100	0.01
81	T	trans-1,4-Dichloro-2-butene	0.235	0.222	5.5	100	0.01
82	T	4-Chlorotoluene	2.678	2.584	3.5	102	0.01
83	T	tert-Butylbenzene	2.681	2.579	3.8	99	0.00
84	T	1,2,4-Trimethylbenzene	3.040	2.961	2.6	100	0.01
85	T	sec-Butylbenzene	3.971	3.725	6.2	98	0.00
86	T	p-Isopropyltoluene	3.307	3.120	5.7	98	0.00
87	T	1,3-Dichlorobenzene	1.660	1.543	7.0	101	0.01
88	T	1,4-Dichlorobenzene	1.621	1.515	6.5	100	0.01
89	T	n-Butylbenzene	3.162	2.928	7.4	95	0.01
90	T	Hexachloroethane	0.689	0.643	6.7	102	0.00
91	T	1,2-Dichlorobenzene	1.414	1.360	3.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.098	3.0	104	0.00
93	T	1,2,4-Trichlorobenzene	0.750	0.715	4.7	98	0.00
94	T	Hexachlorobutadiene	0.426	0.378	11.3	93	0.00
95	T	Naphthalene	1.420	1.474	-3.8	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.627	1.9	99	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 5