Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
Data File : VD075220.D
Acq On : 27 Jan 2023 12:05
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 30 01:15:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	73	0.00
2	T	Dichlorodifluoromethane	0.435	0.377	13.3	76	0.00
3	P	Chloromethane	0.646	0.596	7.7	72	0.00
4	C	Vinyl Chloride	0.693	0.677	2.3#	76	0.00
5	T	Bromomethane	0.471	0.437	7.2	71	0.00
6	T	Chloroethane	0.481	0.471	2.1	73	0.00
7	T	Trichlorofluoromethane	0.881	0.899	-2.0	78	0.00
8	T	Diethyl Ether	0.284	0.265	6.7	65	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.544	0.556	-2.2	79	0.00
10	T	Methyl Iodide	0.732	0.661	9.7	61	0.00
11	T	Tert butyl alcohol	0.036	0.029	19.4	65	0.00
12	CM	1,1-Dichloroethene	0.573	0.549	4.2#	72	0.00
13	T	Acrolein	0.035	0.036	-2.9	91	0.00
14	T	Allyl chloride	0.929	0.894	3.8	68	0.00
15	T	Acrylonitrile	0.120	0.125	-4.2	71	0.00
16	T	Acetone	0.135	0.140	-3.7	64	0.00
17	T	Carbon Disulfide	1.857	1.753	5.6	70	0.00
18	T	Methyl Acetate	0.366	0.386	-5.5	73	0.00
19	T	Methyl tert-butyl Ether	1.196	1.223	-2.3	70	0.00
20	T	Methylene Chloride	0.849	0.705	17.0	65	0.00
21	T	trans-1,2-Dichloroethene	0.637	0.633	0.6	71	0.00
22	T	Diisopropyl ether	1.729	1.777	-2.8	71	0.00
23	T	Vinyl Acetate	0.762	0.856	-12.3	80	0.00
24	P	1,1-Dichloroethane	1.087	1.094	-0.6	72	0.00
25	T	2-Butanone	0.163	0.173	-6.1	70	0.00
26	T	2,2-Dichloropropane	0.969	0.953	1.7	73	0.00
27	T	cis-1,2-Dichloroethene	0.695	0.690	0.7	70	0.00
28	T	Bromochloromethane	0.297	0.294	1.0	73	0.00
29	T	Tetrahydrofuran	0.093	0.098	-5.4	71	0.00
30	C	Chloroform	1.084	1.101	-1.6#	72	0.00
31	T	Cyclohexane	1.023	0.964	5.8	76	0.00
32	T	1,1,1-Trichloroethane	0.934	0.996	-6.6	78	0.00
33	S	1,2-Dichloroethane-d4	0.510	0.550	-7.8	75	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35	S	Dibromofluoromethane	0.302	0.317	-5.0	71	0.00
36	T	1,1-Dichloropropene	0.485	0.505	-4.1	76	0.00
37	T	Ethyl Acetate	0.196	0.211	-7.7	75	0.00
38	T	Carbon Tetrachloride	0.409	0.457	-11.7	81	0.00
39	T	Methylcyclohexane	0.598	0.603	-0.8	76	0.00
40	TM	Benzene	1.384	1.440	-4.0	72	0.00
41	T	Methacrylonitrile	0.118	0.134	-13.6	84	0.00
42	TM	1,2-Dichloroethane	0.364	0.400	-9.9	75	0.00
43	T	Isopropyl Acetate	0.381	0.390	-2.4	70	0.00
44	TM	Trichloroethene	0.389	0.389	0.0	70	0.00
45	C	1,2-Dichloropropane	0.341	0.357	-4.7#	72	0.00
46	T	Dibromomethane	0.180	0.192	-6.7	72	0.00
47	T	Bromodichloromethane	0.446	0.475	-6.5	72	0.00
48	T	Methyl methacrylate	0.186	0.192	-3.2	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	75	0.00
50	S	Toluene-d8	1.190	1.242	-4.4	72	0.00
51	T	4-Methyl-2-Pentanone	0.183	0.205	-12.0	77	0.00
52	CM	Toluene	0.875	0.901	-3.0#	71	0.00
53	T	t-1,3-Dichloropropene	0.422	0.453	-7.3	73	0.00
54	T	cis-1,3-Dichloropropene	0.516	0.544	-5.4	70	0.00
55	T	1,1,2-Trichloroethane	0.238	0.250	-5.0	70	0.00
56	T	Ethyl methacrylate	0.286	0.300	-4.9	69	0.00
57	T	1,3-Dichloropropane	0.409	0.438	-7.1	71	0.00
58	T	2-Chloroethyl Vinyl ether	0.098	0.110	-12.2	81	0.00
59	T	2-Hexanone	0.132	0.146	-10.6	73	0.00
60	T	Dibromochloromethane	0.287	0.307	-7.0	71	0.00
61	T	1,2-Dibromoethane	0.227	0.238	-4.8	71	0.00
62	S	4-Bromofluorobenzene	0.378	0.392	-3.7	71	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.357	0.355	0.6	72	0.00
65	PM	Chlorobenzene	1.025	1.043	-1.8	71	0.00
66	T	1,1,1,2-Tetrachloroethane	0.345	0.375	-8.7	77	0.00
67	C	Ethyl Benzene	1.844	1.917	-4.0#	74	0.00
68	T	m/p-Xylenes	0.712	0.736	-3.4	73	0.00
69	T	o-Xylene	0.668	0.695	-4.0	71	0.00
70	T	Styrene	1.111	1.162	-4.6	72	0.00
71	P	Bromoform	0.178	0.195	-9.6	74	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.949	3.887	1.6	76	0.00
74	T	N-amyl acetate	0.865	0.828	4.3	72	0.00
75	P	1,1,2,2-Tetrachloroethane	0.629	0.652	-3.7	76	0.00
76	T	1,2,3-Trichloropropane	0.423	0.502	-18.7	96	0.00
77	T	Bromobenzene	0.902	0.858	4.9	70	0.00
78	T	n-propylbenzene	4.853	4.788	1.3	76	0.00
79	T	2-Chlorotoluene	2.669	2.572	3.6	73	0.00
80	T	1,3,5-Trimethylbenzene	3.236	3.200	1.1	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.183	0.190	-3.8	78	0.00
82	T	4-Chlorotoluene	2.744	2.685	2.2	75	0.00
83	T	tert-Butylbenzene	2.800	2.830	-1.1	78	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.148	0.9	75	0.00
85	T	sec-Butylbenzene	4.253	4.270	-0.4	79	0.00
86	T	p-Isopropyltoluene	3.482	3.498	-0.5	77	0.00
87	T	1,3-Dichlorobenzene	1.749	1.702	2.7	73	0.00
88	T	1,4-Dichlorobenzene	1.720	1.706	0.8	75	0.00
89	T	n-Butylbenzene	3.393	3.370	0.7	77	0.00
90	T	Hexachloroethane	0.615	0.607	1.3	78	0.00
91	T	1,2-Dichlorobenzene	1.496	1.514	-1.2	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.096	0.106	-10.4	78	0.00
93	T	1,2,4-Trichlorobenzene	0.982	0.929	5.4	70	0.00
94	T	Hexachlorobutadiene	0.481	0.463	3.7	74	0.00
95	T	Naphthalene	1.956	1.785	8.7	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.780	6.9	69	0.00

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