Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
Data File : VU054864.D
Acq On : 24 Jul 2023 18:43
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 25 02:15:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Jul 24 09:59:15 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.199	0.199	0.0	98	0.00
3	t	Chloromethane	0.231	0.219	5.2	99	0.00
4	Rt	Vinyl Chloride	0.297	0.299	-0.7	99	0.00
5	T	Bromomethane	0.211	0.210	0.5	100	0.00
6	T	Chloroethane	0.280	0.289	-3.2	106	0.00
7	T	Trichlorofluoromethane	0.719	0.788	-9.6	102	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.206	0.218	-5.8	102	0.00
9	Rt	1,1-Dichloroethene	0.172	0.181	-5.2	101	0.00
10	t	Iodomethane	0.277	0.290	-4.7	99	0.00
11	t	Allyl Chloride	0.202	0.205	-1.5	102	0.00
12	t	Acrylonitrile	0.042	0.049	-16.7	115	0.00
13	T	Acetone	0.036	0.035	2.8	111	0.00
14	T	Carbon Disulfide	0.290	0.296	-2.1	98	0.00
15	RT	Methylene Chloride	0.321	0.257	19.9	104	0.00
16	RT	trans-1,2-Dichloroethene	0.191	0.200	-4.7	102	0.00
17	t	1,1-Dichloroethane	0.405	0.421	-4.0	101	0.00
18	T	2-Butanone	0.052	0.059	-13.5	107	0.00
19		Cyclohexane	0.234	0.243	-3.8	103	0.00
20		Methylcyclohexane	0.311	0.329	-5.8	100	0.00
21	T	2,2-Dichloropropane	0.353	0.350	0.8	96	0.00
22	RT	cis-1,2-Dichloroethene	0.242	0.260	-7.4	101	0.00
23	t	Diethyl Ether	0.264	0.277	-4.9	102	0.00
24	t	tert-Butyl Alcohol	0.023	0.027	-17.4	120	-0.02
25	t	Methyl tert-Butyl Ether	0.525	0.583	-11.0	106	0.00
26	t	Bromochloromethane	0.092	0.110	-19.6	106	0.00
27	t	Chloroform	0.445	0.466	-4.7	101	0.00
28	RT	1,1,1-Trichloroethane	0.374	0.400	-7.0	100	0.00
29	T	1,1-Dichloropropene	0.266	0.293	-10.2	102	0.00
30	RT	Carbon Tetrachloride	0.310	0.333	-7.4	101	0.00
31	t	Isopropyl Ether	0.599	0.639	-6.7	100	0.00
32		Ethyl-t-butyl ether	0.615	0.668	-8.6	106	0.00
33		Tert-Amyl methyl ether	0.579	0.647	-11.7	105	0.00
34	t	Propionitrile	0.016	0.020	-25.0	118	0.00
35	RT	Benzene	0.863	0.925	-7.2	101	0.00
36	RT	1,2-Dichloroethane	0.248	0.274	-10.5	103	0.00
37	RT	Trichloroethene	0.233	0.254	-9.0	104	0.00
38	Rt	1,2-Dichloropropane	0.249	0.257	-3.2	100	0.00
39	t	Methacrylonitrile	0.056	0.067	-19.6	111	0.00
40	t	Methyl acrylate	0.095	0.114	-20.0	113	0.00
41	t	Tetrahydrofuran	0.033	0.038	-15.2	114	0.00
42	t	1-Chlorobutane	0.359	0.376	-4.7	100	0.00
43	T	Dibromomethane	0.116	0.131	-12.9	105	0.00
44	T	Bromodichloromethane	0.318	0.352	-10.7	103	0.00
45	T	4-Methyl-2-Pentanone	0.137	0.166	-21.2	112	0.00
46	t	t-1,4-Dichloro-2-butene	0.057	0.080	-40.4#	131	0.00
47	t	Methyl methacrylate	0.109	0.129	-18.3	106	0.00
48	t	Ethyl methacrylate	0.221	0.259	-17.2	108	0.00
49	Rt	Toluene	0.551	0.604	-9.6	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.282	0.327	-16.0	104	0.00
51	T	cis-1,3-Dichloropropene	0.342	0.380	-11.1	103	0.00
52	RT	1,1,2-Trichloroethane	0.175	0.200	-14.3	107	0.00
53	t	1,3-Dichloropropane	0.295	0.332	-12.5	102	0.00
54	t	2-Hexanone	0.096	0.114	-18.8	112	0.00
55	t	Dibromochloromethane	0.209	0.234	-12.0	102	0.00
56	T	1,2-Dibromoethane	0.153	0.180	-17.6	103	0.00
57	S	4-Bromofluorobenzene	0.302	0.296	2.0	95	0.00
58	RT	Tetrachloroethene	0.203	0.218	-7.4	103	0.00
59	Rt	Chlorobenzene	0.657	0.717	-9.1	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.232	0.259	-11.6	99	0.00
61	t	Pentachloroethane	0.183	0.203	-10.9	101	0.00
62	t	Hexachloroethane	0.187	0.217	-16.0	100	0.00
63	Rt	Ethyl Benzene	1.120	1.241	-10.8	102	0.00
64	RT	m/p-Xylenes	0.423	0.461	-9.0	100	0.00
65	RT	o-Xylene	0.426	0.469	-10.1	104	0.00
66	RT	Styrene	0.685	0.775	-13.1	103	0.00
67	t	Bromoform	0.113	0.137	-21.2	107	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.337	3.7	92	0.00
69	T	Isopropylbenzene	1.157	1.263	-9.2	100	0.00
70	T	1,1,2,2-Tetrachloroethane	0.218	0.266	-22.0	112	0.00
71	T	1,2,3-Trichloropropane	0.154	0.165	-7.1	104	0.00
72	t	Bromobenzene	0.267	0.287	-7.5	101	0.00
73	t	n-propylbenzene	0.311	0.345	-10.9	104	0.00
74	t	2-Chlorotoluene	0.271	0.296	-9.2	103	0.00
75	t	1,3,5-Trimethylbenzene	0.942	1.043	-10.7	102	0.00
76	t	4-Chlorotoluene	0.278	0.312	-12.2	102	0.00
77	t	tert-Butylbenzene	0.971	1.073	-10.5	101	0.00
78	t	1,2,4-Trimethylbenzene	0.948	1.059	-11.7	100	0.00
79	t	sec-Butylbenzene	1.259	1.402	-11.4	100	0.00
80		Nitrobenzene	0.006	0.008	-33.3#	101	0.00
81	t	p-Isopropyltoluene	1.026	1.143	-11.4	99	0.00
82	t	1,3-Dichlorobenzene	0.534	0.600	-12.4	103	0.00
83	Rt	1,4-Dichlorobenzene	0.536	0.597	-11.4	103	0.00
84	t	n-Butylbenzene	0.944	1.067	-13.0	97	0.00
85	Rt	1,2-Dichlorobenzene	0.509	0.578	-13.6	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.029	0.040	-37.9#	118	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.373	-14.4	103	0.00
88	t	Hexachlorobutadiene	0.174	0.192	-10.3	103	0.00
89	t	Naphthalene	0.528	0.601	-13.8	103	0.00
90	t	1,2,3-Trichlorobenzene	0.282	0.356	-26.2	111	0.00

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