Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
Data File : VU054903.D
Acq On : 27 Jul 2023 18:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 05:49:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	95	0.00
2	T	Dichlorodifluoromethane	0.190	0.177	6.8	90	0.00
3	t	Chloromethane	0.214	0.202	5.6	94	0.00
4	Rt	Vinyl Chloride	0.286	0.275	3.8	93	0.00
5	T	Bromomethane	0.227	0.201	11.5	85	0.00
6	T	Chloroethane	0.295	0.270	8.5	83	0.00
7	T	Trichlorofluoromethane	0.671	0.567	15.5	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.218	0.201	7.8	93	0.00
9	Rt	1,1-Dichloroethene	0.173	0.166	4.0	92	0.00
10	t	Iodomethane	0.270	0.271	-0.4	93	0.00
11	t	Allyl Chloride	0.206	0.187	9.2	89	0.00
12	t	Acrylonitrile	0.043	0.048	-11.6	105	0.00
13	T	Acetone	0.045	0.036	20.0	78	0.00
14	T	Carbon Disulfide	0.299	0.259	13.4	89	0.00
15	RT	Methylene Chloride	0.241	0.245	-1.7	110	0.00
16	RT	trans-1,2-Dichloroethene	0.188	0.186	1.1	97	0.00
17	t	1,1-Dichloroethane	0.420	0.412	1.9	97	0.00
18	T	2-Butanone	0.057	0.060	-5.3	93	0.00
19		Cyclohexane	0.237	0.245	-3.4	99	0.00
20		Methylcyclohexane	0.316	0.299	5.4	89	0.00
21	T	2,2-Dichloropropane	0.390	0.319	18.2	83	0.00
22	RT	cis-1,2-Dichloroethene	0.250	0.246	1.6	94	0.00
23	t	Diethyl Ether	0.255	0.256	-0.4	99	0.00
24	t	tert-Butyl Alcohol	0.024	0.024	0.0	117	-0.02
25	t	Methyl tert-Butyl Ether	0.534	0.579	-8.4	103	0.00
26	t	Bromochloromethane	0.102	0.108	-5.9	101	0.00
27	t	Chloroform	0.451	0.466	-3.3	99	0.00
28	RT	1,1,1-Trichloroethane	0.390	0.375	3.8	94	0.00
29	T	1,1-Dichloropropene	0.288	0.273	5.2	92	0.00
30	RT	Carbon Tetrachloride	0.325	0.316	2.8	95	0.00
31	t	Isopropyl Ether	0.620	0.619	0.2	96	0.00
32		Ethyl-t-butyl ether	0.639	0.648	-1.4	99	0.00
33		Tert-Amyl methyl ether	0.604	0.633	-4.8	102	0.00
34	t	Propionitrile	0.016	0.020	-25.0	106	0.00
35	RT	Benzene	0.901	0.887	1.6	94	0.00
36	RT	1,2-Dichloroethane	0.256	0.266	-3.9	100	0.00
37	RT	Trichloroethene	0.242	0.246	-1.7	98	0.00
38	Rt	1,2-Dichloropropane	0.255	0.259	-1.6	95	0.00
39	t	Methacrylonitrile	0.063	0.067	-6.3	98	0.00
40	t	Methyl acrylate	0.100	0.114	-14.0	97	0.00
41	t	Tetrahydrofuran	0.036	0.037	-2.8	106	0.00
42	t	1-Chlorobutane	0.377	0.355	5.8	95	0.00
43	T	Dibromomethane	0.120	0.129	-7.5	99	0.00
44	T	Bromodichloromethane	0.333	0.352	-5.7	98	0.00
45	T	4-Methyl-2-Pentanone	0.140	0.165	-17.9	111	0.00
46	t	t-1,4-Dichloro-2-butene	0.056	0.057	-1.8	82	0.00
47	t	Methyl methacrylate	0.109	0.129	-18.3	106	0.00
48	t	Ethyl methacrylate	0.221	0.261	-18.1	105	0.00
49	Rt	Toluene	0.574	0.582	-1.4	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.296	0.313	-5.7	98	0.00
51	T	cis-1,3-Dichloropropene	0.364	0.364	0.0	93	0.00
52	RT	1,1,2-Trichloroethane	0.190	0.203	-6.8	104	0.00
53	t	1,3-Dichloropropane	0.307	0.335	-9.1	104	0.00
54	t	2-Hexanone	0.099	0.113	-14.1	101	0.00
55	t	Dibromochloromethane	0.217	0.237	-9.2	101	0.00
56	T	1,2-Dibromoethane	0.161	0.183	-13.7	104	0.00
57	S	4-Bromofluorobenzene	0.303	0.307	-1.3	91	0.00
58	RT	Tetrachloroethene	0.211	0.220	-4.3	102	0.00
59	Rt	Chlorobenzene	0.696	0.701	-0.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.256	-4.1	99	0.00
61	t	Pentachloroethane	0.192	0.192	0.0	90	0.00
62	t	Hexachloroethane	0.197	0.208	-5.6	94	0.00
63	Rt	Ethyl Benzene	1.168	1.203	-3.0	96	0.00
64	RT	m/p-Xylenes	0.437	0.456	-4.3	98	0.00
65	RT	o-Xylene	0.449	0.454	-1.1	95	0.00
66	RT	Styrene	0.718	0.771	-7.4	97	0.00
67	t	Bromoform	0.113	0.137	-21.2	102	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.366	-6.7	103	0.00
69	T	Isopropylbenzene	1.205	1.236	-2.6	96	0.00
70	T	1,1,2,2-Tetrachloroethane	0.235	0.265	-12.8	103	0.00
71	T	1,2,3-Trichloropropane	0.167	0.174	-4.2	101	0.00
72	t	Bromobenzene	0.268	0.287	-7.1	98	0.00
73	t	n-propylbenzene	0.323	0.332	-2.8	94	0.00
74	t	2-Chlorotoluene	0.279	0.294	-5.4	97	0.00
75	t	1,3,5-Trimethylbenzene	0.976	1.030	-5.5	96	0.00
76	t	4-Chlorotoluene	0.290	0.309	-6.6	95	0.00
77	t	tert-Butylbenzene	1.015	1.046	-3.1	95	0.00
78	t	1,2,4-Trimethylbenzene	0.999	1.068	-6.9	97	0.00
79	t	sec-Butylbenzene	1.320	1.388	-5.2	95	0.00
80		Nitrobenzene	0.006	0.007	-16.7	97	0.00
81	t	p-Isopropyltoluene	1.041	1.131	-8.6	95	0.00
82	t	1,3-Dichlorobenzene	0.571	0.599	-4.9	99	0.00
83	Rt	1,4-Dichlorobenzene	0.570	0.601	-5.4	99	0.00
84	t	n-Butylbenzene	0.935	0.990	-5.9	89	0.00
85	Rt	1,2-Dichlorobenzene	0.548	0.580	-5.8	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.031	0.038	-22.6	104	0.00
87	Rt	1,2,4-Trichlorobenzene	0.349	0.362	-3.7	95	0.00
88	t	Hexachlorobutadiene	0.186	0.198	-6.5	97	0.00
89	t	Naphthalene	0.541	0.570	-5.4	96	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.321	-3.5	98	0.00

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