Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
Data File : VU050223.D
Acq On : 10 Aug 2022 17:10
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 10 18:15:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 15:54:10 2022
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	93	0.00
2	T	Dichlorodifluoromethane	0.360	0.330	8.3	88	0.00
3	t	Chloromethane	0.452	0.408	9.7	96	0.00
4	Rt	Vinyl Chloride	0.401	0.372	7.2	91	0.00
5	T	Bromomethane	0.121	0.128	-5.8	107	0.00
6	T	Chloroethane	0.242	0.225	7.0	95	0.00
7	T	Trichlorofluoromethane	0.440	0.408	7.3	91	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.234	0.218	6.8	90	0.00
9	Rt	1,1-Dichloroethene	0.265	0.240	9.4	89	0.00
10	t	Iodomethane	0.221	0.214	3.2	89	0.00
11	t	Allyl Chloride	0.368	0.345	6.3	90	0.00
12	t	Acrylonitrile	0.070	0.071	-1.4	97	0.01
13	T	Acetone	0.053	0.050	5.7	96	0.03
14	T	Carbon Disulfide	1.004	0.858	14.5	90	0.00
15	RT	Methylene Chloride	0.397	0.339	14.6	100	0.00
16	RT	trans-1,2-Dichloroethene	0.294	0.283	3.7	93	0.00
17	t	1,1-Dichloroethane	0.554	0.529	4.5	94	0.00
18	T	2-Butanone	0.085	0.085	0.0	95	0.00
19		Cyclohexane	0.370	0.316	14.6	73	0.00
20		Methylcyclohexane	0.364	0.369	-1.4	86	0.00
21	T	2,2-Dichloropropane	0.417	0.403	3.4	101	0.00
22	RT	cis-1,2-Dichloroethene	0.331	0.325	1.8	95	0.00
23	t	Diethyl Ether	0.237	0.227	4.2	99	0.00
24	t	tert-Butyl Alcohol	0.018	0.024	-33.3#	132	0.04
25	t	Methyl tert-Butyl Ether	0.681	0.679	0.3	95	0.00
26	t	Bromochloromethane	0.153	0.151	1.3	98	0.00
27	t	Chloroform	0.571	0.553	3.2	97	0.00
28	RT	1,1,1-Trichloroethane	0.449	0.430	4.2	93	0.00
29	T	1,1-Dichloropropene	0.373	0.368	1.3	91	0.00
30	RT	Carbon Tetrachloride	0.369	0.349	5.4	92	0.00
31	t	Isopropyl Ether	0.751	0.772	-2.8	93	0.00
32		Ethyl-t-butyl ether	0.718	0.715	0.4	93	0.00
33		Tert-Amyl methyl ether	0.634	0.650	-2.5	94	0.00
34	t	Propionitrile	0.030	0.030	0.0	94	0.01
35	RT	Benzene	1.236	1.222	1.1	94	0.00
36	RT	1,2-Dichloroethane	0.357	0.346	3.1	97	0.00
37	RT	Trichloroethene	0.293	0.276	5.8	91	0.00
38	Rt	1,2-Dichloropropane	0.338	0.337	0.3	98	0.00
39	t	Methacrylonitrile	0.094	0.100	-6.4	95	0.00
40	t	Methyl acrylate	0.183	0.193	-5.5	92	0.00
41	t	Tetrahydrofuran	0.056	0.054	3.6	94	0.00
42	t	1-Chlorobutane	0.520	0.521	-0.2	91	0.00
43	T	Dibromomethane	0.175	0.171	2.3	96	0.00
44	T	Bromodichloromethane	0.412	0.409	0.7	97	0.00
45	T	4-Methyl-2-Pentanone	0.194	0.200	-3.1	95	0.00
46	t	t-1,4-Dichloro-2-butene	0.077	0.078	-1.3	108	0.00
47	t	Methyl methacrylate	0.152	0.163	-7.2	95	0.00
48	t	Ethyl methacrylate	0.279	0.296	-6.1	93	0.00
49	Rt	Toluene	0.699	0.732	-4.7	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.360	0.364	-1.1	95	0.00
51	T	cis-1,3-Dichloropropene	0.426	0.424	0.5	95	0.00
52	RT	1,1,2-Trichloroethane	0.250	0.245	2.0	98	0.00
53	t	1,3-Dichloropropane	0.422	0.419	0.7	98	0.00
54	t	2-Hexanone	0.137	0.139	-1.5	93	0.00
55	t	Dibromochloromethane	0.278	0.274	1.4	98	0.00
56	T	1,2-Dibromoethane	0.230	0.230	0.0	97	0.00
57	S	4-Bromofluorobenzene	0.343	0.356	-3.8	95	0.00
58	RT	Tetrachloroethene	0.249	0.237	4.8	93	0.00
59	Rt	Chlorobenzene	0.742	0.743	-0.1	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.284	2.4	96	0.00
61	t	Pentachloroethane	0.236	0.232	1.7	97	0.00
62	t	Hexachloroethane	0.186	0.183	1.6	89	0.00
63	Rt	Ethyl Benzene	1.204	1.289	-7.1	91	0.00
64	RT	m/p-Xylenes	0.457	0.514	-12.5	93	0.00
65	RT	o-Xylene	0.447	0.491	-9.8	94	0.00
66	RT	Styrene	0.713	0.837	-17.4	95	0.00
67	t	Bromoform	0.161	0.156	3.1	95	0.00
68	S	1,2-Dichlorobenzene-d4	0.347	0.354	-2.0	95	0.00
69	T	Isopropylbenzene	1.116	1.195	-7.1	90	0.00
70	T	1,1,2,2-Tetrachloroethane	0.336	0.326	3.0	97	0.00
71	T	1,2,3-Trichloropropane	0.247	0.269	-8.9	113	0.00
72	t	Bromobenzene	0.304	0.311	-2.3	95	0.00
73	t	n-propylbenzene	0.277	0.312	-12.6	90	0.00
74	t	2-Chlorotoluene	0.284	0.305	-7.4	93	0.00
75	t	1,3,5-Trimethylbenzene	0.952	1.073	-12.7	92	0.00
76	t	4-Chlorotoluene	0.282	0.318	-12.8	95	0.00
77	t	tert-Butylbenzene	0.944	0.985	-4.3	90	0.00
78	t	1,2,4-Trimethylbenzene	0.970	1.088	-12.2	92	0.00
79	t	sec-Butylbenzene	1.147	1.218	-6.2	87	0.00
80		Nitrobenzene	0.013	0.013	0.0	89	0.00
81	t	p-Isopropyltoluene	0.909	0.995	-9.5	88	0.00
82	t	1,3-Dichlorobenzene	0.577	0.582	-0.9	94	0.00
83	Rt	1,4-Dichlorobenzene	0.560	0.578	-3.2	95	0.00
84	t	n-Butylbenzene	0.790	0.815	-3.2	87	0.00
85	Rt	1,2-Dichlorobenzene	0.559	0.573	-2.5	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.051	1.9	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.313	0.307	1.9	87	0.00
88	t	Hexachlorobutadiene	0.183	0.172	6.0	86	0.00
89	t	Naphthalene	0.646	0.647	-0.2	85	0.00
90	t	1,2,3-Trichlorobenzene	0.322	0.321	0.3	88	0.00

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