Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
Data File : VU053485.D
Acq On : 30 Mar 2023 15:02
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 07 18:16:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 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	89	0.00
2	T	Dichlorodifluoromethane	0.361	0.352	2.5	81	0.00
3	t	Chloromethane	0.368	0.334	9.2	80	0.00
4	Rt	Vinyl Chloride	0.389	0.370	4.9	79	0.00
5	T	Bromomethane	0.330	0.278	15.8	84	0.00
6	T	Chloroethane	0.249	0.223	10.4	81	0.00
7	T	Trichlorofluoromethane	0.583	0.518	11.1	77	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.266	8.0	81	0.00
9	Rt	1,1-Dichloroethene	0.264	0.241	8.7	80	0.00
10	t	Iodomethane	0.268	0.301	-12.3	83	0.00
11	t	Allyl Chloride	0.298	0.298	0.0	81	0.00
12	t	Acrylonitrile	0.051	0.047	7.8	77	0.00
13	T	Acetone	0.101	0.098	3.0	88	-0.02
14	T	Carbon Disulfide	0.810	0.779	3.8	81	0.00
15	RT	Methylene Chloride	0.624	0.335	46.3#	83	0.00
16	RT	trans-1,2-Dichloroethene	0.273	0.265	2.9	81	0.00
17	t	1,1-Dichloroethane	0.498	0.487	2.2	80	0.00
18	T	2-Butanone	0.102	0.109	-6.9	87	-0.02
19		Cyclohexane	0.410	0.400	2.4	80	0.00
20		Methylcyclohexane	0.512	0.515	-0.6	80	0.00
21	T	2,2-Dichloropropane	0.426	0.428	-0.5	80	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.298	-0.3	81	0.00
23	t	Diethyl Ether	0.210	0.188	10.5	77	0.00
24	t	tert-Butyl Alcohol	0.019	0.007	63.2#	28	-0.06
25	t	Methyl tert-Butyl Ether	0.586	0.580	1.0	80	0.00
26	t	Bromochloromethane	0.120	0.116	3.3	80	0.00
27	t	Chloroform	0.517	0.513	0.8	82	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.451	-1.1	81	0.00
29	T	1,1-Dichloropropene	0.386	0.388	-0.5	81	0.00
30	RT	Carbon Tetrachloride	0.355	0.368	-3.7	80	0.00
31	t	Isopropyl Ether	0.685	0.691	-0.9	81	-0.01
32		Ethyl-t-butyl ether	0.704	0.705	-0.1	81	0.00
33		Tert-Amyl methyl ether	0.626	0.621	0.8	79	0.00
34	t	Propionitrile	0.017	0.018	-5.9	75	-0.02
35	RT	Benzene	1.129	1.119	0.9	80	0.00
36	RT	1,2-Dichloroethane	0.324	0.310	4.3	80	0.00
37	RT	Trichloroethene	0.284	0.283	0.4	79	0.00
38	Rt	1,2-Dichloropropane	0.289	0.288	0.3	80	0.00
39	t	Methacrylonitrile	0.070	0.070	0.0	83	0.00
40	t	Methyl acrylate	0.128	0.114	10.9	80	-0.01
41	t	Tetrahydrofuran	0.037	0.036	2.7	77	-0.02
42	t	1-Chlorobutane	0.513	0.510	0.6	81	0.00
43	T	Dibromomethane	0.138	0.138	0.0	80	0.00
44	T	Bromodichloromethane	0.345	0.349	-1.2	79	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.148	-3.5	82	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.157	-101.3#	147	0.00
47	t	Methyl methacrylate	0.127	0.125	1.6	80	0.00
48	t	Ethyl methacrylate	0.246	0.245	0.4	77	0.00
49	Rt	Toluene	0.692	0.704	-1.7	81	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.319	0.339	-6.3	80	0.00
51	T	cis-1,3-Dichloropropene	0.395	0.402	-1.8	78	0.00
52	RT	1,1,2-Trichloroethane	0.200	0.196	2.0	80	0.00
53	t	1,3-Dichloropropane	0.345	0.343	0.6	80	0.00
54	t	2-Hexanone	0.150	0.166	-10.7	90	0.00
55	t	Dibromochloromethane	0.203	0.213	-4.9	78	0.00
56	T	1,2-Dibromoethane	0.184	0.184	0.0	79	0.00
57	S	4-Bromofluorobenzene	0.361	0.372	-3.0	86	0.00
58	RT	Tetrachloroethene	0.265	0.272	-2.6	79	0.00
59	Rt	Chlorobenzene	0.762	0.741	2.8	77	0.00
60	T	1,1,1,2-Tetrachloroethane	0.231	0.238	-3.0	78	0.00
61	t	Pentachloroethane	0.163	0.153	6.1	78	0.00
62	t	Hexachloroethane	0.187	0.206	-10.2	78	0.00
63	Rt	Ethyl Benzene	1.336	1.379	-3.2	80	0.00
64	RT	m/p-Xylenes	0.511	0.525	-2.7	79	0.00
65	RT	o-Xylene	0.500	0.508	-1.6	79	0.00
66	RT	Styrene	0.768	0.799	-4.0	77	0.00
67	t	Bromoform	0.096	0.097	-1.0	74	0.00
68	S	1,2-Dichlorobenzene-d4	0.362	0.353	2.5	81	0.00
69	T	Isopropylbenzene	1.309	1.356	-3.6	79	0.00
70	T	1,1,2,2-Tetrachloroethane	0.240	0.236	1.7	78	0.00
71	T	1,2,3-Trichloropropane	0.182	0.314	-72.5#	165	0.00
72	t	Bromobenzene	0.274	0.276	-0.7	79	0.00
73	t	n-propylbenzene	0.346	0.371	-7.2	80	0.00
74	t	2-Chlorotoluene	0.299	0.302	-1.0	79	0.00
75	t	1,3,5-Trimethylbenzene	1.099	1.168	-6.3	80	0.00
76	t	4-Chlorotoluene	0.310	0.322	-3.9	81	0.00
77	t	tert-Butylbenzene	1.019	1.061	-4.1	80	0.00
78	t	1,2,4-Trimethylbenzene	1.119	1.194	-6.7	80	0.00
79	t	sec-Butylbenzene	1.467	1.564	-6.6	80	0.00
80		Nitrobenzene	0.006	0.006	0.0	67	0.00
81	t	p-Isopropyltoluene	1.152	1.242	-7.8	80	0.00
82	t	1,3-Dichlorobenzene	0.584	0.604	-3.4	80	0.00
83	Rt	1,4-Dichlorobenzene	0.591	0.588	0.5	78	0.00
84	t	n-Butylbenzene	1.139	1.279	-12.3	81	0.00
85	Rt	1,2-Dichlorobenzene	0.554	0.560	-1.1	80	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.037	0.0	79	0.00
87	Rt	1,2,4-Trichlorobenzene	0.323	0.350	-8.4	81	0.00
88	t	Hexachlorobutadiene	0.154	0.167	-8.4	81	0.00
89	t	Naphthalene	0.650	0.680	-4.6	78	0.00
90	t	1,2,3-Trichlorobenzene	0.278	0.302	-8.6	79	0.00

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