Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
Data File : VU053478.D
Acq On : 30 Mar 2023 09:53
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 30 11:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 11:46:56 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	81	0.00
2	T	Dichlorodifluoromethane	0.361	0.365	-1.1	77	0.00
3	t	Chloromethane	0.368	0.350	4.9	77	0.00
4	Rt	Vinyl Chloride	0.389	0.393	-1.0	77	0.00
5	T	Bromomethane	0.330	0.277	16.1	76	0.00
6	T	Chloroethane	0.249	0.228	8.4	76	0.00
7	T	Trichlorofluoromethane	0.583	0.581	0.3	79	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.286	1.0	80	0.00
9	Rt	1,1-Dichloroethene	0.264	0.262	0.8	80	0.00
10	t	Iodomethane	0.268	0.307	-14.6	77	0.00
11	t	Allyl Chloride	0.298	0.316	-6.0	79	0.00
12	t	Acrylonitrile	0.051	0.052	-2.0	78	0.00
13	T	Acetone	0.101	0.107	-5.9	89	0.00
14	T	Carbon Disulfide	0.810	0.828	-2.2	79	0.00
15	RT	Methylene Chloride	0.624	0.298	52.2#	68	0.00
16	RT	trans-1,2-Dichloroethene	0.273	0.284	-4.0	80	0.00
17	t	1,1-Dichloroethane	0.498	0.521	-4.6	78	0.00
18	T	2-Butanone	0.102	0.119	-16.7	86	-0.02
19		Cyclohexane	0.410	0.433	-5.6	80	0.00
20		Methylcyclohexane	0.512	0.546	-6.6	78	0.00
21	T	2,2-Dichloropropane	0.426	0.462	-8.5	79	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.309	-4.0	77	0.00
23	t	Diethyl Ether	0.210	0.197	6.2	74	0.00
24	t	tert-Butyl Alcohol	0.019	0.018	5.3	72	-0.01
25	t	Methyl tert-Butyl Ether	0.586	0.612	-4.4	78	0.00
26	t	Bromochloromethane	0.120	0.126	-5.0	79	0.00
27	t	Chloroform	0.517	0.536	-3.7	78	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.466	-4.5	77	0.00
29	T	1,1-Dichloropropene	0.386	0.405	-4.9	78	0.00
30	RT	Carbon Tetrachloride	0.355	0.393	-10.7	79	0.00
31	t	Isopropyl Ether	0.685	0.727	-6.1	79	-0.01
32		Ethyl-t-butyl ether	0.704	0.752	-6.8	79	0.00
33		Tert-Amyl methyl ether	0.626	0.665	-6.2	78	0.00
34	t	Propionitrile	0.017	0.022	-29.4	82	-0.02
35	RT	Benzene	1.129	1.184	-4.9	78	0.00
36	RT	1,2-Dichloroethane	0.324	0.333	-2.8	79	-0.01
37	RT	Trichloroethene	0.284	0.299	-5.3	76	0.00
38	Rt	1,2-Dichloropropane	0.289	0.308	-6.6	79	0.00
39	t	Methacrylonitrile	0.070	0.073	-4.3	79	0.00
40	t	Methyl acrylate	0.128	0.140	-9.4	90	0.00
41	t	Tetrahydrofuran	0.037	0.040	-8.1	79	-0.01
42	t	1-Chlorobutane	0.513	0.546	-6.4	80	0.00
43	T	Dibromomethane	0.138	0.147	-6.5	78	0.00
44	T	Bromodichloromethane	0.345	0.375	-8.7	78	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.161	-12.6	82	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.089	-14.1	76	0.00
47	t	Methyl methacrylate	0.127	0.132	-3.9	77	0.00
48	t	Ethyl methacrylate	0.246	0.267	-8.5	77	0.00
49	Rt	Toluene	0.692	0.733	-5.9	77	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.319	0.364	-14.1	79	0.00
51	T	cis-1,3-Dichloropropene	0.395	0.438	-10.9	78	0.00
52	RT	1,1,2-Trichloroethane	0.200	0.212	-6.0	79	0.00
53	t	1,3-Dichloropropane	0.345	0.367	-6.4	78	0.00
54	t	2-Hexanone	0.150	0.179	-19.3	89	0.00
55	t	Dibromochloromethane	0.203	0.225	-10.8	76	0.00
56	T	1,2-Dibromoethane	0.184	0.202	-9.8	80	0.00
57	S	4-Bromofluorobenzene	0.361	0.419	-16.1	89	0.00
58	RT	Tetrachloroethene	0.265	0.282	-6.4	75	0.00
59	Rt	Chlorobenzene	0.762	0.784	-2.9	75	0.00
60	T	1,1,1,2-Tetrachloroethane	0.231	0.257	-11.3	77	0.00
61	t	Pentachloroethane	0.163	0.174	-6.7	81	0.00
62	t	Hexachloroethane	0.187	0.218	-16.6	76	0.00
63	Rt	Ethyl Benzene	1.336	1.457	-9.1	78	0.00
64	RT	m/p-Xylenes	0.511	0.555	-8.6	76	0.00
65	RT	o-Xylene	0.500	0.535	-7.0	76	0.00
66	RT	Styrene	0.768	0.847	-10.3	74	0.00
67	t	Bromoform	0.096	0.107	-11.5	74	0.00
68	S	1,2-Dichlorobenzene-d4	0.362	0.379	-4.7	80	0.00
69	T	Isopropylbenzene	1.309	1.417	-8.3	76	0.00
70	T	1,1,2,2-Tetrachloroethane	0.240	0.253	-5.4	77	0.00
71	T	1,2,3-Trichloropropane	0.182	0.202	-11.0	97	0.00
72	t	Bromobenzene	0.274	0.285	-4.0	75	0.00
73	t	n-propylbenzene	0.346	0.386	-11.6	76	0.00
74	t	2-Chlorotoluene	0.299	0.313	-4.7	75	0.00
75	t	1,3,5-Trimethylbenzene	1.099	1.214	-10.5	77	0.00
76	t	4-Chlorotoluene	0.310	0.335	-8.1	77	0.00
77	t	tert-Butylbenzene	1.019	1.108	-8.7	77	0.00
78	t	1,2,4-Trimethylbenzene	1.119	1.239	-10.7	76	0.00
79	t	sec-Butylbenzene	1.467	1.611	-9.8	76	0.00
80		Nitrobenzene	0.006	0.007	-16.7	77	0.00
81	t	p-Isopropyltoluene	1.152	1.298	-12.7	76	0.00
82	t	1,3-Dichlorobenzene	0.584	0.620	-6.2	75	0.00
83	Rt	1,4-Dichlorobenzene	0.591	0.627	-6.1	76	0.00
84	t	n-Butylbenzene	1.139	1.312	-15.2	77	0.00
85	Rt	1,2-Dichlorobenzene	0.554	0.579	-4.5	75	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.045	-21.6	87	0.00
87	Rt	1,2,4-Trichlorobenzene	0.323	0.343	-6.2	73	0.00
88	t	Hexachlorobutadiene	0.154	0.166	-7.8	74	0.00
89	t	Naphthalene	0.650	0.676	-4.0	71	0.00
90	t	1,2,3-Trichlorobenzene	0.278	0.307	-10.4	74	0.00

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