Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053476.D
Acq On : 29 Mar 2023 20:33
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 30 14:10:23 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	90	0.00
2	T	Dichlorodifluoromethane	0.361	0.356	1.4	83	0.00
3	t	Chloromethane	0.368	0.340	7.6	83	0.00
4	Rt	Vinyl Chloride	0.389	0.375	3.6	82	0.00
5	T	Bromomethane	0.330	0.292	11.5	89	0.00
6	T	Chloroethane	0.249	0.234	6.0	86	0.00
7	T	Trichlorofluoromethane	0.583	0.534	8.4	81	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.269	6.9	84	0.00
9	Rt	1,1-Dichloroethene	0.264	0.254	3.8	86	0.00
10	t	Iodomethane	0.268	0.312	-16.4	87	0.00
11	t	Allyl Chloride	0.298	0.298	0.0	83	0.00
12	t	Acrylonitrile	0.051	0.050	2.0	83	0.00
13	T	Acetone	0.101	0.038	62.4#	35	-0.02
14	T	Carbon Disulfide	0.810	0.784	3.2	83	0.00
15	RT	Methylene Chloride	0.624	0.286	54.2#	72	0.00
16	RT	trans-1,2-Dichloroethene	0.273	0.272	0.4	85	0.00
17	t	1,1-Dichloroethane	0.498	0.498	0.0	83	0.00
18	T	2-Butanone	0.102	0.061	40.2#	50	-0.03
19		Cyclohexane	0.410	0.403	1.7	82	0.00
20		Methylcyclohexane	0.512	0.513	-0.2	82	0.00
21	T	2,2-Dichloropropane	0.426	0.415	2.6	79	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.298	-0.3	83	0.00
23	t	Diethyl Ether	0.210	0.200	4.8	84	0.00
24	t	tert-Butyl Alcohol	0.019	0.019	0.0	81	-0.06
25	t	Methyl tert-Butyl Ether	0.586	0.599	-2.2	85	0.00
26	t	Bromochloromethane	0.120	0.119	0.8	83	0.00
27	t	Chloroform	0.517	0.520	-0.6	84	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.444	0.4	81	0.00
29	T	1,1-Dichloropropene	0.386	0.395	-2.3	84	0.00
30	RT	Carbon Tetrachloride	0.355	0.371	-4.5	83	0.00
31	t	Isopropyl Ether	0.685	0.706	-3.1	85	-0.01
32		Ethyl-t-butyl ether	0.704	0.720	-2.3	84	0.00
33		Tert-Amyl methyl ether	0.626	0.652	-4.2	85	0.00
34	t	Propionitrile	0.017	0.020	-17.6	82	-0.03
35	RT	Benzene	1.129	1.130	-0.1	83	0.00
36	RT	1,2-Dichloroethane	0.324	0.322	0.6	85	0.00
37	RT	Trichloroethene	0.284	0.290	-2.1	82	0.00
38	Rt	1,2-Dichloropropane	0.289	0.296	-2.4	84	0.00
39	t	Methacrylonitrile	0.070	0.073	-4.3	87	0.00
40	t	Methyl acrylate	0.128	0.121	5.5	86	-0.01
41	t	Tetrahydrofuran	0.037	0.039	-5.4	85	-0.02
42	t	1-Chlorobutane	0.513	0.510	0.6	83	0.00
43	T	Dibromomethane	0.138	0.142	-2.9	84	0.00
44	T	Bromodichloromethane	0.345	0.355	-2.9	82	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.142	0.7	81	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.086	-10.3	82	0.00
47	t	Methyl methacrylate	0.127	0.134	-5.5	87	-0.01
48	t	Ethyl methacrylate	0.246	0.255	-3.7	82	0.00
49	Rt	Toluene	0.692	0.708	-2.3	83	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.319	0.354	-11.0	85	0.00
51	T	cis-1,3-Dichloropropene	0.395	0.424	-7.3	84	0.00
52	RT	1,1,2-Trichloroethane	0.200	0.203	-1.5	84	0.00
53	t	1,3-Dichloropropane	0.345	0.351	-1.7	83	0.00
54	t	2-Hexanone	0.150	0.102	32.0#	56	0.00
55	t	Dibromochloromethane	0.203	0.220	-8.4	82	0.00
56	T	1,2-Dibromoethane	0.184	0.195	-6.0	85	0.00
57	S	4-Bromofluorobenzene	0.361	0.351	2.8	83	0.00
58	RT	Tetrachloroethene	0.265	0.276	-4.2	82	0.00
59	Rt	Chlorobenzene	0.762	0.773	-1.4	82	0.00
60	T	1,1,1,2-Tetrachloroethane	0.231	0.250	-8.2	83	0.00
61	t	Pentachloroethane	0.163	0.159	2.5	82	0.00
62	t	Hexachloroethane	0.187	0.210	-12.3	81	0.00
63	Rt	Ethyl Benzene	1.336	1.408	-5.4	83	0.00
64	RT	m/p-Xylenes	0.511	0.542	-6.1	83	0.00
65	RT	o-Xylene	0.500	0.527	-5.4	83	0.00
66	RT	Styrene	0.768	0.842	-9.6	82	0.00
67	t	Bromoform	0.096	0.102	-6.2	79	0.00
68	S	1,2-Dichlorobenzene-d4	0.362	0.370	-2.2	87	0.00
69	T	Isopropylbenzene	1.309	1.380	-5.4	82	0.00
70	T	1,1,2,2-Tetrachloroethane	0.240	0.250	-4.2	85	0.00
71	T	1,2,3-Trichloropropane	0.182	0.206	-13.2	110	0.00
72	t	Bromobenzene	0.274	0.289	-5.5	84	0.00
73	t	n-propylbenzene	0.346	0.389	-12.4	85	0.00
74	t	2-Chlorotoluene	0.299	0.314	-5.0	83	0.00
75	t	1,3,5-Trimethylbenzene	1.099	1.199	-9.1	84	0.00
76	t	4-Chlorotoluene	0.310	0.330	-6.5	84	0.00
77	t	tert-Butylbenzene	1.019	1.079	-5.9	83	0.00
78	t	1,2,4-Trimethylbenzene	1.119	1.211	-8.2	83	0.00
79	t	sec-Butylbenzene	1.467	1.569	-7.0	82	0.00
80		Nitrobenzene	0.006	0.007	-16.7	78	0.00
81	t	p-Isopropyltoluene	1.152	1.260	-9.4	82	0.00
82	t	1,3-Dichlorobenzene	0.584	0.603	-3.3	82	0.00
83	Rt	1,4-Dichlorobenzene	0.591	0.615	-4.1	83	0.00
84	t	n-Butylbenzene	1.139	1.237	-8.6	80	0.00
85	Rt	1,2-Dichlorobenzene	0.554	0.583	-5.2	85	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.042	-13.5	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.323	0.349	-8.0	82	0.00
88	t	Hexachlorobutadiene	0.154	0.163	-5.8	81	0.00
89	t	Naphthalene	0.650	0.689	-6.0	80	0.00
90	t	1,2,3-Trichlorobenzene	0.278	0.311	-11.9	83	0.00

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