Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070821\
Data File : VU044326.D
Acq On : 08 Jul 2021 16:07
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC010

Quant Time: Jul 09 05:39:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 15:34:52 2021
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	105	0.00
2	T	Dichlorodifluoromethane	0.346	0.294	15.0	88	0.00
3	t	Chloromethane	0.334	0.284	15.0	92	0.00
4	Rt	Vinyl Chloride	0.351	0.311	11.4	91	0.00
5	T	Bromomethane	0.209	0.183	12.4	93	0.00
6	T	Chloroethane	0.234	0.203	13.2	92	0.00
7	T	Trichlorofluoromethane	0.531	0.473	10.9	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.306	0.276	9.8	93	0.00
9	Rt	1,1-Dichloroethene	0.267	0.238	10.9	92	0.00
10	t	Iodomethane	0.282	0.261	7.4	89	0.00
11	t	Allyl Chloride	0.475	0.413	13.1	92	0.00
12	t	Acrylonitrile	0.060	0.046	23.3	86	0.00
13	T	Acetone	0.040	0.032	20.0	91	0.00
14	T	Carbon Disulfide	0.723	0.622	14.0	90	0.00
15	RT	Methylene Chloride	0.486	0.305	37.2#	94	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.256	13.5	91	0.00
17	t	1,1-Dichloroethane	0.597	0.531	11.1	92	0.00
18	T	2-Butanone	0.078	0.063	19.2	91	0.00
19		Cyclohexane	0.478	0.440	7.9	96	0.00
20		Methylcyclohexane	0.491	0.429	12.6	90	0.00
21	T	2,2-Dichloropropane	0.582	0.508	12.7	94	0.00
22	RT	cis-1,2-Dichloroethene	0.349	0.306	12.3	94	0.00
23	t	Diethyl Ether	0.223	0.199	10.8	93	0.00
24	t	tert-Butyl Alcohol	0.017	0.013	23.5	92	0.00
25	t	Methyl tert-Butyl Ether	0.821	0.713	13.2	90	0.00
26	t	Bromochloromethane	0.153	0.129	15.7	89	0.00
27	t	Chloroform	0.632	0.551	12.8	94	0.00
28	RT	1,1,1-Trichloroethane	0.558	0.489	12.4	92	0.00
29	T	1,1-Dichloropropene	0.407	0.348	14.5	89	0.00
30	RT	Carbon Tetrachloride	0.430	0.379	11.9	90	0.00
31	t	Isopropyl Ether	1.023	0.906	11.4	93	0.00
32		Ethyl-t-butyl ether	0.987	0.897	9.1	92	0.00
33		Tert-Amyl methyl ether	0.796	0.709	10.9	90	0.00
34	t	Propionitrile	0.020	0.015	25.0	83	0.00
35	RT	Benzene	1.126	0.994	11.7	91	0.00
36	RT	1,2-Dichloroethane	0.368	0.324	12.0	89	0.00
37	RT	Trichloroethene	0.314	0.275	12.4	90	0.00
38	Rt	1,2-Dichloropropane	0.313	0.274	12.5	91	0.00
39	t	Methacrylonitrile	0.123	0.104	15.4	92	0.00
40	t	Methyl acrylate	0.171	0.163	4.7	103	0.00
41	t	Tetrahydrofuran	0.051	0.043	15.7	94	0.00
42	t	1-Chlorobutane	0.563	0.491	12.8	92	0.00
43	T	Dibromomethane	0.165	0.144	12.7	90	0.00
44	T	Bromodichloromethane	0.419	0.367	12.4	90	0.00
45	T	4-Methyl-2-Pentanone	0.236	0.200	15.3	88	0.00
46	t	t-1,4-Dichloro-2-butene	0.093	0.085	8.6	87	0.00
47	t	Methyl methacrylate	0.169	0.148	12.4	89	0.00
48	t	Ethyl methacrylate	0.362	0.309	14.6	88	0.00
49	Rt	Toluene	0.740	0.653	11.8	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.427	0.370	13.3	87	0.00
51	T	cis-1,3-Dichloropropene	0.485	0.426	12.2	89	0.00
52	RT	1,1,2-Trichloroethane	0.229	0.203	11.4	90	0.00
53	t	1,3-Dichloropropane	0.421	0.367	12.8	89	0.00
54	t	2-Hexanone	0.172	0.146	15.1	89	0.00
55	t	Dibromochloromethane	0.295	0.264	10.5	90	0.00
56	T	1,2-Dibromoethane	0.229	0.201	12.2	89	0.00
57	S	4-Bromofluorobenzene	0.443	0.433	2.3	103	0.00
58	RT	Tetrachloroethene	0.290	0.258	11.0	92	0.00
59	Rt	Chlorobenzene	0.837	0.742	11.4	91	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.275	12.1	91	0.00
61	t	Pentachloroethane	0.237	0.206	13.1	86	0.00
62	t	Hexachloroethane	0.269	0.235	12.6	86	0.00
63	Rt	Ethyl Benzene	1.481	1.310	11.5	90	0.00
64	RT	m/p-Xylenes	0.575	0.507	11.8	90	0.00
65	RT	o-Xylene	0.562	0.499	11.2	90	0.00
66	RT	Styrene	0.965	0.855	11.4	90	0.00
67	t	Bromoform	0.170	0.153	10.0	88	0.00
68	S	1,2-Dichlorobenzene-d4	0.442	0.401	9.3	94	0.00
69	T	Isopropylbenzene	1.538	1.355	11.9	90	0.00
70	T	1,1,2,2-Tetrachloroethane	0.308	0.267	13.3	88	0.00
71	T	1,2,3-Trichloropropane	0.243	0.203	16.5	86	0.00
72	t	Bromobenzene	0.359	0.319	11.1	90	0.00
73	t	n-propylbenzene	0.422	0.372	11.8	89	0.00
74	t	2-Chlorotoluene	0.363	0.313	13.8	89	0.00
75	t	1,3,5-Trimethylbenzene	1.316	1.175	10.7	90	0.00
76	t	4-Chlorotoluene	0.382	0.335	12.3	91	0.00
77	t	tert-Butylbenzene	1.323	1.163	12.1	89	0.00
78	t	1,2,4-Trimethylbenzene	1.332	1.182	11.3	89	0.00
79	t	sec-Butylbenzene	1.753	1.568	10.6	90	0.00
80		Nitrobenzene	0.013	0.009	30.8#	68	0.00
81	t	p-Isopropyltoluene	1.484	1.340	9.7	90	0.00
82	t	1,3-Dichlorobenzene	0.731	0.642	12.2	90	0.00
83	Rt	1,4-Dichlorobenzene	0.726	0.640	11.8	90	0.00
84	t	n-Butylbenzene	1.421	1.277	10.1	87	0.00
85	Rt	1,2-Dichlorobenzene	0.693	0.603	13.0	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.059	0.051	13.6	85	0.00
87	Rt	1,2,4-Trichlorobenzene	0.497	0.437	12.1	89	0.00
88	t	Hexachlorobutadiene	0.255	0.227	11.0	90	0.00
89	t	Naphthalene	0.952	0.815	14.4	86	0.00
90	t	1,2,3-Trichlorobenzene	0.439	0.390	11.2	88	0.00

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