Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050378.D
Acq On : 19 Aug 2022 18:10
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 25 20:05:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 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	105	0.00
2	T	Dichlorodifluoromethane	0.414	0.406	1.9	99	0.00
3	t	Chloromethane	0.504	0.455	9.7	93	0.00
4	Rt	Vinyl Chloride	0.431	0.424	1.6	98	0.00
5	T	Bromomethane	0.176	0.141	19.9	86	0.00
6	T	Chloroethane	0.260	0.254	2.3	98	0.00
7	T	Trichlorofluoromethane	0.537	0.536	0.2	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.300	0.296	1.3	101	0.00
9	Rt	1,1-Dichloroethene	0.295	0.284	3.7	97	0.00
10	t	Iodomethane	0.243	0.183	24.7	74	0.00
11	t	Allyl Chloride	0.454	0.443	2.4	98	0.00
12	t	Acrylonitrile	0.088	0.083	5.7	93	0.00
13	T	Acetone	0.062	0.057	8.1	94	0.00
14	T	Carbon Disulfide	0.912	0.866	5.0	98	0.00
15	RT	Methylene Chloride	0.398	0.410	-3.0	118	0.00
16	RT	trans-1,2-Dichloroethene	0.304	0.306	-0.7	101	0.00
17	t	1,1-Dichloroethane	0.634	0.617	2.7	99	0.00
18	T	2-Butanone	0.097	0.084	13.4	84	0.00
19		Cyclohexane	0.460	0.415	9.8	93	0.00
20		Methylcyclohexane	0.363	0.435	-19.8	105	0.00
21	T	2,2-Dichloropropane	0.482	0.413	14.3	93	0.00
22	RT	cis-1,2-Dichloroethene	0.344	0.336	2.3	99	0.00
23	t	Diethyl Ether	0.253	0.244	3.6	97	0.00
24	t	tert-Butyl Alcohol	0.032	0.037	-15.6	126	0.02
25	t	Methyl tert-Butyl Ether	0.782	0.762	2.6	99	0.00
26	t	Bromochloromethane	0.138	0.156	-13.0	118	0.00
27	t	Chloroform	0.614	0.607	1.1	101	0.00
28	RT	1,1,1-Trichloroethane	0.524	0.499	4.8	97	0.00
29	T	1,1-Dichloropropene	0.420	0.418	0.5	103	0.00
30	RT	Carbon Tetrachloride	0.420	0.409	2.6	96	0.00
31	t	Isopropyl Ether	0.984	0.965	1.9	100	0.00
32		Ethyl-t-butyl ether	0.773	0.628	18.8	80	0.00
33		Tert-Amyl methyl ether	0.504	0.534	-6.0	91	0.00
34	t	Propionitrile	0.029	0.028	3.4	113	0.00
35	RT	Benzene	1.234	1.267	-2.7	100	0.00
36	RT	1,2-Dichloroethane	0.377	0.375	0.5	100	0.00
37	RT	Trichloroethene	0.296	0.298	-0.7	101	0.00
38	Rt	1,2-Dichloropropane	0.331	0.348	-5.1	101	0.00
39	t	Methacrylonitrile	0.118	0.094	20.3	89	0.00
40	t	Methyl acrylate	0.179	0.159	11.2	100	0.00
41	t	Tetrahydrofuran	0.059	0.052	11.9	89	0.00
42	t	1-Chlorobutane	0.598	0.572	4.3	100	0.00
43	T	Dibromomethane	0.179	0.181	-1.1	99	0.00
44	T	Bromodichloromethane	0.421	0.438	-4.0	103	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.202	-12.8	98	0.00
46	t	t-1,4-Dichloro-2-butene	0.090	0.092	-2.2	83	0.00
47	t	Methyl methacrylate	0.134	0.160	-19.4	100	0.00
48	t	Ethyl methacrylate	0.244	0.292	-19.7	101	0.00
49	Rt	Toluene	0.663	0.777	-17.2	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.377	-14.9	104	0.00
51	T	cis-1,3-Dichloropropene	0.376	0.424	-12.8	104	0.00
52	RT	1,1,2-Trichloroethane	0.263	0.265	-0.8	99	0.00
53	t	1,3-Dichloropropane	0.413	0.437	-5.8	100	0.00
54	t	2-Hexanone	0.125	0.140	-12.0	99	0.00
55	t	Dibromochloromethane	0.289	0.295	-2.1	101	0.00
56	T	1,2-Dibromoethane	0.236	0.244	-3.4	99	0.00
57	S	4-Bromofluorobenzene	0.340	0.445	-30.9#	117	0.00
58	RT	Tetrachloroethene	0.278	0.280	-0.7	100	0.00
59	Rt	Chlorobenzene	0.716	0.795	-11.0	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.301	0.313	-4.0	101	0.00
61	t	Pentachloroethane	0.250	0.259	-3.6	100	0.00
62	t	Hexachloroethane	0.208	0.233	-12.0	104	0.00
63	Rt	Ethyl Benzene	1.140	1.413	-23.9	102	0.00
64	RT	m/p-Xylenes	0.444	0.567	-27.7	100	0.00
65	RT	o-Xylene	0.423	0.521	-23.2	100	0.00
66	RT	Styrene	0.720	0.930	-29.2	100	0.00
67	t	Bromoform	0.164	0.169	-3.0	99	0.00
68	S	1,2-Dichlorobenzene-d4	0.402	0.409	-1.7	100	0.00
69	T	Isopropylbenzene	1.100	1.391	-26.5	103	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.359	0.6	98	0.00
71	T	1,2,3-Trichloropropane	0.272	0.208	23.5	73	0.00
72	t	Bromobenzene	0.309	0.344	-11.3	101	0.00
73	t	n-propylbenzene	0.300	0.378	-26.0	98	0.00
74	t	2-Chlorotoluene	0.291	0.354	-21.6	100	0.00
75	t	1,3,5-Trimethylbenzene	0.973	1.258	-29.3	100	0.00
76	t	4-Chlorotoluene	0.298	0.370	-24.2	97	0.00
77	t	tert-Butylbenzene	0.957	1.158	-21.0	100	0.00
78	t	1,2,4-Trimethylbenzene	1.003	1.298	-29.4	101	0.00
79	t	sec-Butylbenzene	1.258	1.601	-27.3	102	0.00
80		Nitrobenzene	0.020	0.018	10.0	92	0.00
81	t	p-Isopropyltoluene	1.003	1.280	-27.6	99	0.00
82	t	1,3-Dichlorobenzene	0.636	0.704	-10.7	99	0.00
83	Rt	1,4-Dichlorobenzene	0.633	0.707	-11.7	99	0.00
84	t	n-Butylbenzene	0.948	1.155	-21.8	99	0.00
85	Rt	1,2-Dichlorobenzene	0.625	0.679	-8.6	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.056	1.8	97	0.00
87	Rt	1,2,4-Trichlorobenzene	0.357	0.398	-11.5	97	0.00
88	t	Hexachlorobutadiene	0.232	0.241	-3.9	98	0.00
89	t	Naphthalene	0.786	0.799	-1.7	91	0.00
90	t	1,2,3-Trichlorobenzene	0.376	0.413	-9.8	94	0.00

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