Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
Data File : VU054875.D
Acq On : 26 Jul 2023 13:21
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

Quant Time: Jul 28 03:09:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	100	0.00
2	T	Dichlorodifluoromethane	0.190	0.142	25.3	76	0.00
3	t	Chloromethane	0.214	0.203	5.1	99	0.00
4	Rt	Vinyl Chloride	0.286	0.263	8.0	94	0.00
5	T	Bromomethane	0.227	0.212	6.6	94	0.00
6	T	Chloroethane	0.295	0.252	14.6	82	0.00
7	T	Trichlorofluoromethane	0.671	0.615	8.3	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.218	0.191	12.4	92	0.00
9	Rt	1,1-Dichloroethene	0.173	0.169	2.3	98	0.00
10	t	Iodomethane	0.270	0.271	-0.4	98	0.00
11	t	Allyl Chloride	0.206	0.212	-2.9	107	0.00
12	t	Acrylonitrile	0.043	0.101	-134.9#	234#	0.00
13	T	Acetone	0.045	0.036	20.0	83	0.00
14	T	Carbon Disulfide	0.299	0.331	-10.7	119	0.00
15	RT	Methylene Chloride	0.241	0.236	2.1	112	0.00
16	RT	trans-1,2-Dichloroethene	0.188	0.183	2.7	100	0.00
17	t	1,1-Dichloroethane	0.420	0.394	6.2	97	0.00
18	T	2-Butanone	0.057	0.049	14.0	80	0.00
19		Cyclohexane	0.237	0.257	-8.4	110	0.00
20		Methylcyclohexane	0.316	0.321	-1.6	101	0.00
21	T	2,2-Dichloropropane	0.390	0.360	7.7	99	0.00
22	RT	cis-1,2-Dichloroethene	0.250	0.258	-3.2	104	0.00
23	t	Diethyl Ether	0.255	0.230	9.8	94	0.00
24	t	tert-Butyl Alcohol	0.024	0.012	50.0#	63	-0.06
25	t	Methyl tert-Butyl Ether	0.534	0.525	1.7	99	0.00
26	t	Bromochloromethane	0.102	0.093	8.8	92	0.00
27	t	Chloroform	0.451	0.442	2.0	98	0.00
28	RT	1,1,1-Trichloroethane	0.390	0.363	6.9	95	0.00
29	T	1,1-Dichloropropene	0.288	0.279	3.1	99	0.00
30	RT	Carbon Tetrachloride	0.325	0.314	3.4	100	0.00
31	t	Isopropyl Ether	0.620	0.603	2.7	98	0.00
32		Ethyl-t-butyl ether	0.639	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.604	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.016	0.035	-118.8#	197	0.00
35	RT	Benzene	0.901	0.898	0.3	100	0.00
36	RT	1,2-Dichloroethane	0.256	0.251	2.0	100	0.00
37	RT	Trichloroethene	0.242	0.231	4.5	97	0.00
38	Rt	1,2-Dichloropropane	0.255	0.247	3.1	95	0.00
39	t	Methacrylonitrile	0.063	0.060	4.8	91	0.00
40	t	Methyl acrylate	0.100	0.105	-5.0	95	0.00
41	t	Tetrahydrofuran	0.036	0.080	-122.2#	239#	0.00
42	t	1-Chlorobutane	0.377	0.369	2.1	104	0.00
43	T	Dibromomethane	0.120	0.126	-5.0	103	0.00
44	T	Bromodichloromethane	0.333	0.331	0.6	97	0.00
45	T	4-Methyl-2-Pentanone	0.140	0.137	2.1	97	0.00
46	t	t-1,4-Dichloro-2-butene	0.056	0.056	0.0	85	0.00
47	t	Methyl methacrylate	0.109	0.058	46.8#	50	0.00
48	t	Ethyl methacrylate	0.221	0.223	-0.9	95	0.00
49	Rt	Toluene	0.574	0.564	1.7	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.296	0.299	-1.0	99	0.00
51	T	cis-1,3-Dichloropropene	0.364	0.367	-0.8	99	0.00
52	RT	1,1,2-Trichloroethane	0.190	0.176	7.4	95	0.00
53	t	1,3-Dichloropropane	0.307	0.304	1.0	99	0.00
54	t	2-Hexanone	0.099	0.096	3.0	91	0.00
55	t	Dibromochloromethane	0.217	0.215	0.9	96	0.00
56	T	1,2-Dibromoethane	0.161	0.167	-3.7	100	0.00
57	S	4-Bromofluorobenzene	0.303	0.423	-39.6#	132	0.00
58	RT	Tetrachloroethene	0.211	0.214	-1.4	104	0.00
59	Rt	Chlorobenzene	0.696	0.635	8.8	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.237	3.7	96	0.00
61	t	Pentachloroethane	0.192	0.192	0.0	95	0.00
62	t	Hexachloroethane	0.197	0.200	-1.5	94	0.00
63	Rt	Ethyl Benzene	1.168	1.164	0.3	98	0.00
64	RT	m/p-Xylenes	0.437	0.441	-0.9	100	0.00
65	RT	o-Xylene	0.449	0.441	1.8	97	0.00
66	RT	Styrene	0.718	0.739	-2.9	98	0.00
67	t	Bromoform	0.113	0.118	-4.4	93	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.395	-15.2	117	0.00
69	T	Isopropylbenzene	1.205	1.185	1.7	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.235	0.229	2.6	93	0.00
71	T	1,2,3-Trichloropropane	0.167	0.178	-6.6	108	0.00
72	t	Bromobenzene	0.268	0.274	-2.2	98	0.00
73	t	n-propylbenzene	0.323	0.325	-0.6	97	0.00
74	t	2-Chlorotoluene	0.279	0.287	-2.9	100	0.00
75	t	1,3,5-Trimethylbenzene	0.976	1.004	-2.9	99	0.00
76	t	4-Chlorotoluene	0.290	0.297	-2.4	97	0.00
77	t	tert-Butylbenzene	1.015	1.018	-0.3	97	0.00
78	t	1,2,4-Trimethylbenzene	0.999	0.976	2.3	93	0.00
79	t	sec-Butylbenzene	1.320	1.346	-2.0	97	0.00
80		Nitrobenzene	0.006	0.001	83.3#	16#	0.00
81	t	p-Isopropyltoluene	1.041	1.087	-4.4	96	0.00
82	t	1,3-Dichlorobenzene	0.571	0.560	1.9	97	0.00
83	Rt	1,4-Dichlorobenzene	0.570	0.548	3.9	95	0.00
84	t	n-Butylbenzene	0.935	0.961	-2.8	90	0.00
85	Rt	1,2-Dichlorobenzene	0.548	0.527	3.8	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.031	0.033	-6.5	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.349	0.332	4.9	92	0.00
88	t	Hexachlorobutadiene	0.186	0.189	-1.6	97	0.00
89	t	Naphthalene	0.541	0.511	5.5	91	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.291	6.1	93	0.00

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