Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
Data File : VU060312.D
Acq On : 05 Aug 2024 15:14
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU080524

Quant Time: Aug 06 06:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 05:58:50 2024
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	97	0.00
2	T	Dichlorodifluoromethane	0.385	0.333	13.5	81	0.00
3	t	Chloromethane	0.440	0.364	17.3	82	0.00
4	Rt	Vinyl Chloride	0.440	0.389	11.6	84	0.00
5	T	Bromomethane	0.270	0.210	22.2	74	-0.02
6	T	Chloroethane	0.266	0.239	10.2	85	-0.03
7	T	Trichlorofluoromethane	0.530	0.491	7.4	87	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.298	-3.1	98	0.00
9	Rt	1,1-Dichloroethene	0.299	0.298	0.3	97	0.00
10	t	Iodomethane	0.443	0.437	1.4	93	0.00
11	t	Allyl Chloride	0.410	0.443	-8.0	102	0.00
12	t	Acrylonitrile	0.078	0.171	-119.2#	223#	-0.01
13	T	Acetone	0.095	0.056	41.1#	76	-0.02
14	T	Carbon Disulfide	1.014	0.907	10.6	86	0.00
15	RT	Methylene Chloride	0.374	0.350	6.4	93	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.302	5.6	89	0.00
17	t	1,1-Dichloroethane	0.616	0.589	4.4	92	0.00
18	T	2-Butanone	0.110	0.082	25.5	83	-0.01
19		Cyclohexane	0.531	0.500	5.8	88	0.00
20		Methylcyclohexane	0.421	0.437	-3.8	86	0.00
21	T	2,2-Dichloropropane	0.480	0.478	0.4	97	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.362	-5.5	100	0.00
23	t	Diethyl Ether	0.243	0.222	8.6	90	0.00
24	t	tert-Butyl Alcohol	0.030	0.014	53.3#	51	-0.04
25	t	Methyl tert-Butyl Ether	0.734	0.700	4.6	93	0.00
26	t	Bromochloromethane	0.145	0.212	-46.2#	140	0.00
27	t	Chloroform	0.603	0.575	4.6	93	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.481	4.0	93	0.00
29	T	1,1-Dichloropropene	0.401	0.365	9.0	86	0.00
30	RT	Carbon Tetrachloride	0.408	0.400	2.0	93	0.00
31	t	Isopropyl Ether	0.900	0.908	-0.9	96	0.00
32		Ethyl-t-butyl ether	0.870	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.618	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.031	0.055	-77.4#	189	-0.02
35	RT	Benzene	1.236	1.231	0.4	92	0.00
36	RT	1,2-Dichloroethane	0.343	0.313	8.7	88	0.00
37	RT	Trichloroethene	0.306	0.281	8.2	85	0.00
38	Rt	1,2-Dichloropropane	0.334	0.315	5.7	87	0.00
39	t	Methacrylonitrile	0.113	0.098	13.3	92	0.00
40	t	Methyl acrylate	0.199	0.177	11.1	95	0.00
41	t	Tetrahydrofuran	0.062	0.124	-100.0#	228#	0.00
42	t	1-Chlorobutane	0.553	0.552	0.2	94	0.00
43	T	Dibromomethane	0.169	0.164	3.0	93	0.00
44	T	Bromodichloromethane	0.406	0.408	-0.5	95	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.160	-0.6	93	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.047	47.2#	49	0.00
47	t	Methyl methacrylate	0.137	0.061	55.5#	39	0.00
48	t	Ethyl methacrylate	0.233	0.255	-9.4	93	0.00
49	Rt	Toluene	0.685	0.743	-8.5	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.341	-1.8	90	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.387	4.0	86	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.230	7.3	90	0.00
53	t	1,3-Dichloropropane	0.396	0.376	5.1	88	0.00
54	t	2-Hexanone	0.123	0.120	2.4	91	0.00
55	t	Dibromochloromethane	0.272	0.265	2.6	91	0.00
56	T	1,2-Dibromoethane	0.223	0.209	6.3	88	0.00
57	S	4-Bromofluorobenzene	0.341	0.365	-7.0	93	0.00
58	RT	Tetrachloroethene	0.273	0.279	-2.2	93	0.00
59	Rt	Chlorobenzene	0.742	0.780	-5.1	92	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.281	3.8	90	0.00
61	t	Pentachloroethane	0.250	0.267	-6.8	98	0.00
62	t	Hexachloroethane	0.241	0.247	-2.5	92	0.00
63	Rt	Ethyl Benzene	1.163	1.361	-17.0	92	0.00
64	RT	m/p-Xylenes	0.463	0.562	-21.4	93	0.00
65	RT	o-Xylene	0.444	0.509	-14.6	91	0.00
66	RT	Styrene	0.742	0.942	-27.0	96	0.00
67	t	Bromoform	0.160	0.157	1.9	95	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.406	-9.7	100	0.00
69	T	Isopropylbenzene	1.134	1.383	-22.0	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.306	7.3	89	0.00
71	T	1,2,3-Trichloropropane	0.245	0.235	4.1	85	0.00
72	t	Bromobenzene	0.305	0.332	-8.9	93	0.00
73	t	n-propylbenzene	0.319	0.372	-16.6	88	0.00
74	t	2-Chlorotoluene	0.298	0.351	-17.8	93	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.223	-23.0	93	0.00
76	t	4-Chlorotoluene	0.310	0.368	-18.7	92	0.00
77	t	tert-Butylbenzene	0.969	1.145	-18.2	94	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.258	-23.8	92	0.00
79	t	sec-Butylbenzene	1.295	1.574	-21.5	92	0.00
80		Nitrobenzene	0.015	0.003	80.0#	20	0.00
81	t	p-Isopropyltoluene	1.049	1.315	-25.4	93	0.00
82	t	1,3-Dichlorobenzene	0.636	0.703	-10.5	94	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.714	-13.2	94	0.00
84	t	n-Butylbenzene	1.021	1.251	-22.5	91	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.684	-11.2	96	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.048	0.0	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.450	-27.8	107	0.00
88	t	Hexachlorobutadiene	0.227	0.247	-8.8	93	0.00
89	t	Naphthalene	0.622	0.760	-22.2	105	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.409	-19.2	99	0.00

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