Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053469.D
Acq On : 29 Mar 2023 16:54
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU032923

Quant Time: Mar 30 11:12:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 11:12:17 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	92	0.00
2	T	Dichlorodifluoromethane	0.361	0.250	30.7#	59	0.00
3	t	Chloromethane	0.368	0.265	28.0	66	0.00
4	Rt	Vinyl Chloride	0.389	0.315	19.0	70	0.00
5	T	Bromomethane	0.330	0.264	20.0	82	0.00
6	T	Chloroethane	0.249	0.197	20.9	74	0.00
7	T	Trichlorofluoromethane	0.583	0.483	17.2	75	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.264	8.7	84	0.00
9	Rt	1,1-Dichloroethene	0.264	0.243	8.0	84	0.00
10	t	Iodomethane	0.268	0.262	2.2	75	0.00
11	t	Allyl Chloride	0.298	0.310	-4.0	88	0.00
12	t	Acrylonitrile	0.051	0.118	-131.4#	201#	-0.01
13	T	Acetone	0.101	0.056	44.6#	52	-0.02
14	T	Carbon Disulfide	0.810	0.648	20.0	70	0.00
15	RT	Methylene Chloride	0.624	0.381	38.9#	98	0.00
16	RT	trans-1,2-Dichloroethene	0.273	0.266	2.6	85	0.00
17	t	1,1-Dichloroethane	0.498	0.495	0.6	84	0.00
18	T	2-Butanone	0.102	0.065	36.3#	54	-0.03
19		Cyclohexane	0.410	0.355	13.4	74	0.00
20		Methylcyclohexane	0.512	0.487	4.9	79	0.00
21	T	2,2-Dichloropropane	0.426	0.447	-4.9	87	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.311	-4.7	88	0.00
23	t	Diethyl Ether	0.210	0.184	12.4	78	0.00
24	t	tert-Butyl Alcohol	0.019	0.009	52.6#	39	-0.05
25	t	Methyl tert-Butyl Ether	0.586	0.619	-5.6	89	0.00
26	t	Bromochloromethane	0.120	0.087	27.5	62	0.00
27	t	Chloroform	0.517	0.518	-0.2	86	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.445	0.2	83	0.00
29	T	1,1-Dichloropropene	0.386	0.383	0.8	83	0.00
30	RT	Carbon Tetrachloride	0.355	0.371	-4.5	84	0.00
31	t	Isopropyl Ether	0.685	0.710	-3.6	87	-0.01
32		Ethyl-t-butyl ether	0.704	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.626	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.017	0.038	-123.5#	163	-0.03
35	RT	Benzene	1.129	1.126	0.3	84	0.00
36	RT	1,2-Dichloroethane	0.324	0.315	2.8	85	0.00
37	RT	Trichloroethene	0.284	0.287	-1.1	83	0.00
38	Rt	1,2-Dichloropropane	0.289	0.286	1.0	83	0.00
39	t	Methacrylonitrile	0.070	0.072	-2.9	88	-0.01
40	t	Methyl acrylate	0.128	0.131	-2.3	95	-0.02
41	t	Tetrahydrofuran	0.037	0.091	-145.9#	204#	-0.02
42	t	1-Chlorobutane	0.513	0.513	0.0	85	0.00
43	T	Dibromomethane	0.138	0.148	-7.2	89	0.00
44	T	Bromodichloromethane	0.345	0.370	-7.2	87	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.142	0.7	82	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.052	33.3#	51	0.00
47	t	Methyl methacrylate	0.127	0.063	50.4#	42	0.00
48	t	Ethyl methacrylate	0.246	0.263	-6.9	86	0.00
49	Rt	Toluene	0.692	0.712	-2.9	85	0.00

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QLast Update : Thu Mar 30 11:12:17 2023
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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.319	0.371	-16.3	91	0.00
51	T	cis-1,3-Dichloropropene	0.395	0.437	-10.6	88	0.00
52	RT	1,1,2-Trichloroethane	0.200	0.207	-3.5	88	0.00
53	t	1,3-Dichloropropane	0.345	0.359	-4.1	87	0.00
54	t	2-Hexanone	0.150	0.112	25.3	63	0.00
55	t	Dibromochloromethane	0.203	0.219	-7.9	84	0.00
56	T	1,2-Dibromoethane	0.184	0.194	-5.4	87	0.00
57	S	4-Bromofluorobenzene	0.361	0.368	-1.9	89	0.00
58	RT	Tetrachloroethene	0.265	0.277	-4.5	83	0.00
59	Rt	Chlorobenzene	0.762	0.760	0.3	82	0.00
60	T	1,1,1,2-Tetrachloroethane	0.231	0.253	-9.5	86	0.00
61	t	Pentachloroethane	0.163	0.173	-6.1	91	0.00
62	t	Hexachloroethane	0.187	0.215	-15.0	84	0.00
63	Rt	Ethyl Benzene	1.336	1.413	-5.8	85	0.00
64	RT	m/p-Xylenes	0.511	0.552	-8.0	86	0.00
65	RT	o-Xylene	0.500	0.532	-6.4	86	0.00
66	RT	Styrene	0.768	0.864	-12.5	86	0.00
67	t	Bromoform	0.096	0.107	-11.5	85	0.00
68	S	1,2-Dichlorobenzene-d4	0.362	0.374	-3.3	90	0.00
69	T	Isopropylbenzene	1.309	1.412	-7.9	86	0.00
70	T	1,1,2,2-Tetrachloroethane	0.240	0.249	-3.8	86	0.00
71	T	1,2,3-Trichloropropane	0.182	0.188	-3.3	102	0.00
72	t	Bromobenzene	0.274	0.297	-8.4	88	0.00
73	t	n-propylbenzene	0.346	0.390	-12.7	87	0.00
74	t	2-Chlorotoluene	0.299	0.320	-7.0	87	0.00
75	t	1,3,5-Trimethylbenzene	1.099	1.241	-12.9	89	0.00
76	t	4-Chlorotoluene	0.310	0.339	-9.4	88	0.00
77	t	tert-Butylbenzene	1.019	1.128	-10.7	89	0.00
78	t	1,2,4-Trimethylbenzene	1.119	1.222	-9.2	85	0.00
79	t	sec-Butylbenzene	1.467	1.637	-11.6	87	0.00
80		Nitrobenzene	0.006	0.002	66.7#	22	0.00
81	t	p-Isopropyltoluene	1.152	1.307	-13.5	87	0.00
82	t	1,3-Dichlorobenzene	0.584	0.621	-6.3	86	0.00
83	Rt	1,4-Dichlorobenzene	0.591	0.635	-7.4	88	0.00
84	t	n-Butylbenzene	1.139	1.327	-16.5	88	0.00
85	Rt	1,2-Dichlorobenzene	0.554	0.594	-7.2	88	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.041	-10.8	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.323	0.378	-17.0	90	0.00
88	t	Hexachlorobutadiene	0.154	0.170	-10.4	86	0.00
89	t	Naphthalene	0.650	0.787	-21.1	93	0.00
90	t	1,2,3-Trichlorobenzene	0.278	0.340	-22.3	93	0.00

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