Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
Data File : VU051434.D
Acq On : 17 Oct 2022 18:07
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101722

Quant Time: Oct 18 04:55:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 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	94	0.00
2	T	Dichlorodifluoromethane	0.349	0.193	44.7#	50	0.00
3	t	Chloromethane	0.550	0.339	38.4#	64	0.00
4	Rt	Vinyl Chloride	0.476	0.313	34.2#	64	0.00
5	T	Bromomethane	0.266	0.191	28.2	71	0.00
6	T	Chloroethane	0.272	0.185	32.0#	66	0.00
7	T	Trichlorofluoromethane	0.532	0.366	31.2#	64	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.294	0.233	20.7	75	0.00
9	Rt	1,1-Dichloroethene	0.307	0.238	22.5	75	0.00
10	t	Iodomethane	0.398	0.320	19.6	75	0.00
11	t	Allyl Chloride	0.468	0.405	13.5	84	0.00
12	t	Acrylonitrile	0.090	0.195	-116.7#	207#	0.00
13	T	Acetone	0.065	0.052	20.0	79	0.00
14	T	Carbon Disulfide	1.094	0.685	37.4#	61	0.00
15	RT	Methylene Chloride	0.449	0.317	29.4	80	0.00
16	RT	trans-1,2-Dichloroethene	0.352	0.269	23.6	76	0.00
17	t	1,1-Dichloroethane	0.633	0.525	17.1	81	0.00
18	T	2-Butanone	0.079	0.077	2.5	82	0.00
19		Cyclohexane	0.392	0.355	9.4	72	0.00
20		Methylcyclohexane	0.389	0.349	10.3	67	0.00
21	T	2,2-Dichloropropane	0.442	0.372	15.8	82	0.00
22	RT	cis-1,2-Dichloroethene	0.333	0.299	10.2	81	0.00
23	t	Diethyl Ether	0.268	0.214	20.1	76	0.00
24	t	tert-Butyl Alcohol	0.028	0.012	57.1#	41	0.00
25	t	Methyl tert-Butyl Ether	0.798	0.731	8.4	86	0.00
26	t	Bromochloromethane	0.162	0.124	23.5	73	0.00
27	t	Chloroform	0.641	0.537	16.2	82	0.00
28	RT	1,1,1-Trichloroethane	0.511	0.420	17.8	79	0.00
29	T	1,1-Dichloropropene	0.392	0.357	8.9	77	0.00
30	RT	Carbon Tetrachloride	0.432	0.349	19.2	77	0.00
31	t	Isopropyl Ether	0.748	0.811	-8.4	98	0.00
32		Ethyl-t-butyl ether	0.683	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.600	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.027	0.051	-88.9#	165	0.00
35	RT	Benzene	1.315	1.146	12.9	80	0.00
36	RT	1,2-Dichloroethane	0.406	0.352	13.3	83	0.00
37	RT	Trichloroethene	0.309	0.257	16.8	76	0.00
38	Rt	1,2-Dichloropropane	0.361	0.313	13.3	80	0.00
39	t	Methacrylonitrile	0.091	0.092	-1.1	84	0.00
40	t	Methyl acrylate	0.145	0.155	-6.9	89	0.00
41	t	Tetrahydrofuran	0.048	0.118	-145.8#	214#	0.00
42	t	1-Chlorobutane	0.535	0.496	7.3	79	0.00
43	T	Dibromomethane	0.187	0.170	9.1	86	0.00
44	T	Bromodichloromethane	0.453	0.407	10.2	85	0.00
45	T	4-Methyl-2-Pentanone	0.178	0.184	-3.4	81	0.00
46	t	t-1,4-Dichloro-2-butene	0.099	0.058	41.4#	53	0.00
47	t	Methyl methacrylate	0.143	0.067	53.1#	36	0.00
48	t	Ethyl methacrylate	0.240	0.259	-7.9	81	0.00
49	Rt	Toluene	0.721	0.696	3.5	80	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.364	0.365	-0.3	87	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.406	5.4	84	0.00
52	RT	1,1,2-Trichloroethane	0.267	0.240	10.1	84	0.00
53	t	1,3-Dichloropropane	0.431	0.405	6.0	83	0.00
54	t	2-Hexanone	0.123	0.129	-4.9	80	0.00
55	t	Dibromochloromethane	0.291	0.263	9.6	83	0.00
56	T	1,2-Dibromoethane	0.235	0.220	6.4	84	0.00
57	S	4-Bromofluorobenzene	0.351	0.405	-15.4	99	0.00
58	RT	Tetrachloroethene	0.269	0.233	13.4	78	0.00
59	Rt	Chlorobenzene	0.791	0.714	9.7	79	0.00
60	T	1,1,1,2-Tetrachloroethane	0.303	0.274	9.6	86	0.00
61	t	Pentachloroethane	0.270	0.243	10.0	83	0.00
62	t	Hexachloroethane	0.257	0.226	12.1	80	0.00
63	Rt	Ethyl Benzene	1.200	1.245	-3.8	80	0.00
64	RT	m/p-Xylenes	0.478	0.524	-9.6	80	0.00
65	RT	o-Xylene	0.465	0.480	-3.2	79	0.00
66	RT	Styrene	0.772	0.853	-10.5	82	0.00
67	t	Bromoform	0.163	0.154	5.5	84	0.00
68	S	1,2-Dichlorobenzene-d4	0.392	0.400	-2.0	91	0.00
69	T	Isopropylbenzene	1.146	1.273	-11.1	84	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.330	8.6	83	0.00
71	T	1,2,3-Trichloropropane	0.269	0.253	5.9	89	0.00
72	t	Bromobenzene	0.315	0.312	1.0	84	0.00
73	t	n-propylbenzene	0.322	0.345	-7.1	77	0.00
74	t	2-Chlorotoluene	0.306	0.318	-3.9	82	0.00
75	t	1,3,5-Trimethylbenzene	1.038	1.176	-13.3	82	0.00
76	t	4-Chlorotoluene	0.313	0.334	-6.7	83	0.00
77	t	tert-Butylbenzene	1.014	1.037	-2.3	81	0.00
78	t	1,2,4-Trimethylbenzene	1.080	1.199	-11.0	80	0.00
79	t	sec-Butylbenzene	1.342	1.443	-7.5	80	0.00
80		Nitrobenzene	0.018	0.003	83.3#	16#	0.00
81	t	p-Isopropyltoluene	1.074	1.191	-10.9	79	0.00
82	t	1,3-Dichlorobenzene	0.676	0.649	4.0	83	0.00
83	Rt	1,4-Dichlorobenzene	0.662	0.656	0.9	82	0.00
84	t	n-Butylbenzene	1.065	1.102	-3.5	76	0.00
85	Rt	1,2-Dichlorobenzene	0.666	0.634	4.8	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.052	8.8	82	0.00
87	Rt	1,2,4-Trichlorobenzene	0.361	0.385	-6.6	92	0.00
88	t	Hexachlorobutadiene	0.235	0.212	9.8	78	0.00
89	t	Naphthalene	0.755	0.785	-4.0	87	0.00
90	t	1,2,3-Trichlorobenzene	0.395	0.375	5.1	83	0.00

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