Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101422\
Data File : VU051420.D
Acq On : 14 Oct 2022 11:50
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 15 06:03:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 05 02:45:21 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	71	0.00
2	T	Dichlorodifluoromethane	0.329	0.375	-14.0	82	0.00
3	t	Chloromethane	0.441	0.448	-1.6	78	0.00
4	Rt	Vinyl Chloride	0.419	0.433	-3.3	75	0.00
5	T	Bromomethane	0.266	0.197	25.9	59	-0.01
6	T	Chloroethane	0.263	0.250	4.9	71	0.00
7	T	Trichlorofluoromethane	0.474	0.492	-3.8	75	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.273	0.291	-6.6	76	0.00
9	Rt	1,1-Dichloroethene	0.288	0.270	6.2	68	0.00
10	t	Iodomethane	0.419	0.403	3.8	66	0.00
11	t	Allyl Chloride	0.450	0.416	7.6	67	0.00
12	t	Acrylonitrile	0.090	0.093	-3.3	83	0.00
13	T	Acetone	0.059	0.066	-11.9	101	-0.03
14	T	Carbon Disulfide	1.089	0.999	8.3	70	0.00
15	RT	Methylene Chloride	0.497	0.354	28.8	71	0.00
16	RT	trans-1,2-Dichloroethene	0.325	0.303	6.8	70	0.00
17	t	1,1-Dichloroethane	0.566	0.585	-3.4	76	0.00
18	T	2-Butanone	0.078	0.102	-30.8#	97	0.00
19		Cyclohexane	0.380	0.427	-12.4	69	0.00
20		Methylcyclohexane	0.380	0.424	-11.6	67	0.00
21	T	2,2-Dichloropropane	0.386	0.421	-9.1	77	0.00
22	RT	cis-1,2-Dichloroethene	0.312	0.316	-1.3	70	0.00
23	t	Diethyl Ether	0.256	0.252	1.6	74	0.00
24	t	tert-Butyl Alcohol	0.012	0.034	-183.3#	187	-0.07
25	t	Methyl tert-Butyl Ether	0.764	0.767	-0.4	76	0.00
26	t	Bromochloromethane	0.150	0.157	-4.7	76	0.00
27	t	Chloroform	0.577	0.587	-1.7	75	0.00
28	RT	1,1,1-Trichloroethane	0.456	0.471	-3.3	74	0.00
29	T	1,1-Dichloropropene	0.363	0.412	-13.5	74	0.00
30	RT	Carbon Tetrachloride	0.387	0.415	-7.2	77	0.00
31	t	Isopropyl Ether	0.744	0.698	6.2	65	0.00
32		Ethyl-t-butyl ether	0.653	0.645	1.2	67	0.00
33		Tert-Amyl methyl ether	0.584	0.636	-8.9	71	0.00
34	t	Propionitrile	0.024	0.035	-45.8#	108	-0.02
35	RT	Benzene	1.209	1.265	-4.6	73	0.00
36	RT	1,2-Dichloroethane	0.379	0.411	-8.4	80	0.00
37	RT	Trichloroethene	0.294	0.287	2.4	69	0.00
38	Rt	1,2-Dichloropropane	0.330	0.362	-9.7	76	0.00
39	t	Methacrylonitrile	0.087	0.112	-28.7	86	0.00
40	t	Methyl acrylate	0.150	0.182	-21.3	86	0.00
41	t	Tetrahydrofuran	0.046	0.059	-28.3	89	0.00
42	t	1-Chlorobutane	0.506	0.551	-8.9	71	0.00
43	T	Dibromomethane	0.177	0.196	-10.7	82	0.00
44	T	Bromodichloromethane	0.414	0.428	-3.4	75	0.00
45	T	4-Methyl-2-Pentanone	0.186	0.233	-25.3	87	0.00
46	t	t-1,4-Dichloro-2-butene	0.061	0.077	-26.2	81	0.00
47	t	Methyl methacrylate	0.142	0.184	-29.6	83	0.00
48	t	Ethyl methacrylate	0.238	0.276	-16.0	73	0.00
49	Rt	Toluene	0.656	0.719	-9.6	70	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.333	0.377	-13.2	76	0.00
51	T	cis-1,3-Dichloropropene	0.388	0.412	-6.2	72	0.00
52	RT	1,1,2-Trichloroethane	0.257	0.276	-7.4	81	0.00
53	t	1,3-Dichloropropane	0.408	0.465	-14.0	81	0.00
54	t	2-Hexanone	0.132	0.163	-23.5	86	0.00
55	t	Dibromochloromethane	0.280	0.301	-7.5	80	0.00
56	T	1,2-Dibromoethane	0.230	0.252	-9.6	78	0.00
57	S	4-Bromofluorobenzene	0.328	0.434	-32.3#	84	0.00
58	RT	Tetrachloroethene	0.297	0.261	12.1	61	0.00
59	Rt	Chlorobenzene	0.724	0.735	-1.5	69	0.00
60	T	1,1,1,2-Tetrachloroethane	0.284	0.280	1.4	72	0.00
61	t	Pentachloroethane	0.196	0.247	-26.0	92	0.00
62	t	Hexachloroethane	0.227	0.234	-3.1	72	0.00
63	Rt	Ethyl Benzene	1.111	1.166	-5.0	63	0.00
64	RT	m/p-Xylenes	0.437	0.513	-17.4	68	0.00
65	RT	o-Xylene	0.426	0.458	-7.5	65	0.00
66	RT	Styrene	0.703	0.789	-12.2	64	0.00
67	t	Bromoform	0.162	0.176	-8.6	80	0.00
68	S	1,2-Dichlorobenzene-d4	0.365	0.376	-3.0	68	0.00
69	T	Isopropylbenzene	1.060	1.156	-9.1	64	0.00
70	T	1,1,2,2-Tetrachloroethane	0.328	0.395	-20.4	90	0.00
71	T	1,2,3-Trichloropropane	0.266	0.276	-3.8	78	0.00
72	t	Bromobenzene	0.288	0.293	-1.7	66	0.00
73	t	n-propylbenzene	0.285	0.334	-17.2	66	0.00
74	t	2-Chlorotoluene	0.279	0.316	-13.3	70	0.00
75	t	1,3,5-Trimethylbenzene	0.934	1.103	-18.1	67	0.00
76	t	4-Chlorotoluene	0.278	0.336	-20.9	70	0.00
77	t	tert-Butylbenzene	0.873	0.973	-11.5	66	0.00
78	t	1,2,4-Trimethylbenzene	0.965	1.126	-16.7	65	0.00
79	t	sec-Butylbenzene	1.202	1.377	-14.6	66	0.00
80		Nitrobenzene	0.018	0.016	11.1	74	0.00
81	t	p-Isopropyltoluene	0.943	1.098	-16.4	64	0.00
82	t	1,3-Dichlorobenzene	0.608	0.612	-0.7	67	0.00
83	Rt	1,4-Dichlorobenzene	0.599	0.619	-3.3	67	0.00
84	t	n-Butylbenzene	0.877	0.918	-4.7	59	0.00
85	Rt	1,2-Dichlorobenzene	0.599	0.608	-1.5	68	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.055	0.063	-14.5	88	0.00
87	Rt	1,2,4-Trichlorobenzene	0.322	0.251	22.0	54	0.00
88	t	Hexachlorobutadiene	0.208	0.198	4.8	65	0.00
89	t	Naphthalene	0.581	0.527	9.3	58	0.00
90	t	1,2,3-Trichlorobenzene	0.344	0.290	15.7	59	0.00

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