Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
Data File : VU051113.D
Acq On : 04 Oct 2022 19:30
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 05 02:50:53 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	91	0.00
2	T	Dichlorodifluoromethane	0.329	0.356	-8.2	101	0.00
3	t	Chloromethane	0.441	0.448	-1.6	100	0.00
4	Rt	Vinyl Chloride	0.419	0.444	-6.0	99	0.00
5	T	Bromomethane	0.266	0.266	0.0	103	0.00
6	T	Chloroethane	0.263	0.279	-6.1	103	0.00
7	T	Trichlorofluoromethane	0.474	0.522	-10.1	103	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.273	0.304	-11.4	103	0.00
9	Rt	1,1-Dichloroethene	0.288	0.311	-8.0	102	0.00
10	t	Iodomethane	0.419	0.479	-14.3	102	0.00
11	t	Allyl Chloride	0.450	0.481	-6.9	100	0.00
12	t	Acrylonitrile	0.090	0.081	10.0	93	0.00
13	T	Acetone	0.059	0.047	20.3	92	0.00
14	T	Carbon Disulfide	1.089	1.097	-0.7	99	0.00
15	RT	Methylene Chloride	0.497	0.379	23.7	98	0.00
16	RT	trans-1,2-Dichloroethene	0.325	0.349	-7.4	105	0.00
17	t	1,1-Dichloroethane	0.566	0.602	-6.4	101	0.00
18	T	2-Butanone	0.078	0.073	6.4	89	0.00
19		Cyclohexane	0.380	0.449	-18.2	94	0.00
20		Methylcyclohexane	0.380	0.455	-19.7	93	0.00
21	T	2,2-Dichloropropane	0.386	0.413	-7.0	98	0.00
22	RT	cis-1,2-Dichloroethene	0.312	0.344	-10.3	99	0.00
23	t	Diethyl Ether	0.256	0.266	-3.9	100	0.00
24	t	tert-Butyl Alcohol	0.012	0.015	-25.0	110	-0.02
25	t	Methyl tert-Butyl Ether	0.764	0.787	-3.0	100	0.00
26	t	Bromochloromethane	0.150	0.157	-4.7	99	0.00
27	t	Chloroform	0.577	0.620	-7.5	102	0.00
28	RT	1,1,1-Trichloroethane	0.456	0.492	-7.9	100	0.00
29	T	1,1-Dichloropropene	0.363	0.427	-17.6	99	0.00
30	RT	Carbon Tetrachloride	0.387	0.417	-7.8	101	0.00
31	t	Isopropyl Ether	0.744	0.796	-7.0	95	0.00
32		Ethyl-t-butyl ether	0.653	0.692	-6.0	93	0.00
33		Tert-Amyl methyl ether	0.584	0.638	-9.2	92	0.00
34	t	Propionitrile	0.024	0.023	4.2	91	0.00
35	RT	Benzene	1.209	1.344	-11.2	100	0.00
36	RT	1,2-Dichloroethane	0.379	0.387	-2.1	97	0.00
37	RT	Trichloroethene	0.294	0.312	-6.1	96	0.00
38	Rt	1,2-Dichloropropane	0.330	0.367	-11.2	99	0.00
39	t	Methacrylonitrile	0.087	0.092	-5.7	92	0.00
40	t	Methyl acrylate	0.150	0.149	0.7	91	0.00
41	t	Tetrahydrofuran	0.046	0.042	8.7	81	0.00
42	t	1-Chlorobutane	0.506	0.590	-16.6	98	0.00
43	T	Dibromomethane	0.177	0.186	-5.1	100	0.00
44	T	Bromodichloromethane	0.414	0.447	-8.0	101	0.00
45	T	4-Methyl-2-Pentanone	0.186	0.199	-7.0	96	0.00
46	t	t-1,4-Dichloro-2-butene	0.061	0.071	-16.4	96	0.00
47	t	Methyl methacrylate	0.142	0.162	-14.1	94	0.00
48	t	Ethyl methacrylate	0.238	0.264	-10.9	90	0.00
49	Rt	Toluene	0.656	0.802	-22.3	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.333	0.364	-9.3	95	0.00
51	T	cis-1,3-Dichloropropene	0.388	0.427	-10.1	96	0.00
52	RT	1,1,2-Trichloroethane	0.257	0.264	-2.7	100	0.00
53	t	1,3-Dichloropropane	0.408	0.438	-7.4	98	0.00
54	t	2-Hexanone	0.132	0.139	-5.3	94	0.00
55	t	Dibromochloromethane	0.280	0.289	-3.2	98	0.00
56	T	1,2-Dibromoethane	0.230	0.240	-4.3	96	0.00
57	S	4-Bromofluorobenzene	0.328	0.374	-14.0	93	0.00
58	RT	Tetrachloroethene	0.297	0.331	-11.4	100	0.00
59	Rt	Chlorobenzene	0.724	0.801	-10.6	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.284	0.297	-4.6	98	0.00
61	t	Pentachloroethane	0.196	0.213	-8.7	103	0.00
62	t	Hexachloroethane	0.227	0.249	-9.7	99	0.00
63	Rt	Ethyl Benzene	1.111	1.385	-24.7	96	0.00
64	RT	m/p-Xylenes	0.437	0.590	-35.0#	100	0.00
65	RT	o-Xylene	0.426	0.532	-24.9	97	0.00
66	RT	Styrene	0.703	0.937	-33.3#	98	0.00
67	t	Bromoform	0.162	0.166	-2.5	97	0.00
68	S	1,2-Dichlorobenzene-d4	0.365	0.397	-8.8	93	0.00
69	T	Isopropylbenzene	1.060	1.336	-26.0	96	0.00
70	T	1,1,2,2-Tetrachloroethane	0.328	0.330	-0.6	97	0.00
71	T	1,2,3-Trichloropropane	0.266	0.257	3.4	94	0.00
72	t	Bromobenzene	0.288	0.335	-16.3	97	0.00
73	t	n-propylbenzene	0.285	0.386	-35.4#	98	0.00
74	t	2-Chlorotoluene	0.279	0.353	-26.5	101	0.00
75	t	1,3,5-Trimethylbenzene	0.934	1.272	-36.2#	100	0.00
76	t	4-Chlorotoluene	0.278	0.379	-36.3#	102	0.00
77	t	tert-Butylbenzene	0.873	1.101	-26.1	97	0.00
78	t	1,2,4-Trimethylbenzene	0.965	1.322	-37.0#	98	0.00
79	t	sec-Butylbenzene	1.202	1.596	-32.8#	99	0.00
80		Nitrobenzene	0.018	0.015	16.7	92	0.00
81	t	p-Isopropyltoluene	0.943	1.308	-38.7#	99	0.00
82	t	1,3-Dichlorobenzene	0.608	0.705	-16.0	100	0.00
83	Rt	1,4-Dichlorobenzene	0.599	0.714	-19.2	100	0.00
84	t	n-Butylbenzene	0.877	1.195	-36.3#	100	0.00
85	Rt	1,2-Dichlorobenzene	0.599	0.682	-13.9	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.055	0.050	9.1	91	0.00
87	Rt	1,2,4-Trichlorobenzene	0.322	0.331	-2.8	92	0.00
88	t	Hexachlorobutadiene	0.208	0.239	-14.9	101	0.00
89	t	Naphthalene	0.581	0.617	-6.2	88	0.00
90	t	1,2,3-Trichlorobenzene	0.344	0.367	-6.7	97	0.00

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