Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101422\
Data File : VU051426.D
Acq On : 14 Oct 2022 17:38
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 15 06:10:39 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	94	0.00
2	T	Dichlorodifluoromethane	0.329	0.338	-2.7	98	0.00
3	t	Chloromethane	0.441	0.438	0.7	100	0.00
4	Rt	Vinyl Chloride	0.419	0.430	-2.6	98	0.00
5	T	Bromomethane	0.266	0.239	10.2	96	-0.02
6	T	Chloroethane	0.263	0.258	1.9	97	0.00
7	T	Trichlorofluoromethane	0.474	0.487	-2.7	98	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.273	0.277	-1.5	96	0.00
9	Rt	1,1-Dichloroethene	0.288	0.275	4.5	92	0.00
10	t	Iodomethane	0.419	0.395	5.7	86	0.00
11	t	Allyl Chloride	0.450	0.426	5.3	91	0.00
12	t	Acrylonitrile	0.090	0.084	6.7	99	-0.01
13	T	Acetone	0.059	0.054	8.5	108	-0.03
14	T	Carbon Disulfide	1.089	0.966	11.3	89	0.00
15	RT	Methylene Chloride	0.497	0.353	29.0	93	0.00
16	RT	trans-1,2-Dichloroethene	0.325	0.302	7.1	93	0.00
17	t	1,1-Dichloroethane	0.566	0.572	-1.1	98	0.00
18	T	2-Butanone	0.078	0.085	-9.0	106	-0.01
19		Cyclohexane	0.380	0.400	-5.3	86	0.00
20		Methylcyclohexane	0.380	0.402	-5.8	85	0.00
21	T	2,2-Dichloropropane	0.386	0.403	-4.4	98	0.00
22	RT	cis-1,2-Dichloroethene	0.312	0.313	-0.3	92	0.00
23	t	Diethyl Ether	0.256	0.247	3.5	95	0.00
24	t	tert-Butyl Alcohol	0.012	0.026	-116.7#	192	-0.06
25	t	Methyl tert-Butyl Ether	0.764	0.732	4.2	95	0.00
26	t	Bromochloromethane	0.150	0.149	0.7	95	0.00
27	t	Chloroform	0.577	0.578	-0.2	97	0.00
28	RT	1,1,1-Trichloroethane	0.456	0.451	1.1	94	0.00
29	T	1,1-Dichloropropene	0.363	0.386	-6.3	91	0.00
30	RT	Carbon Tetrachloride	0.387	0.388	-0.3	96	0.00
31	t	Isopropyl Ether	0.744	0.691	7.1	85	0.00
32		Ethyl-t-butyl ether	0.653	0.627	4.0	86	0.00
33		Tert-Amyl methyl ether	0.584	0.618	-5.8	92	0.00
34	t	Propionitrile	0.024	0.029	-20.8	117	-0.02
35	RT	Benzene	1.209	1.236	-2.2	94	0.00
36	RT	1,2-Dichloroethane	0.379	0.387	-2.1	99	0.00
37	RT	Trichloroethene	0.294	0.281	4.4	89	0.00
38	Rt	1,2-Dichloropropane	0.330	0.353	-7.0	98	0.00
39	t	Methacrylonitrile	0.087	0.094	-8.0	96	0.00
40	t	Methyl acrylate	0.150	0.155	-3.3	97	0.00
41	t	Tetrahydrofuran	0.046	0.049	-6.5	96	0.00
42	t	1-Chlorobutane	0.506	0.530	-4.7	90	0.00
43	T	Dibromomethane	0.177	0.180	-1.7	99	0.00
44	T	Bromodichloromethane	0.414	0.414	0.0	96	0.00
45	T	4-Methyl-2-Pentanone	0.186	0.204	-9.7	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.061	0.069	-13.1	96	0.00
47	t	Methyl methacrylate	0.142	0.161	-13.4	96	0.00
48	t	Ethyl methacrylate	0.238	0.259	-8.8	90	0.00
49	Rt	Toluene	0.656	0.720	-9.8	92	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	97	0.00
51	T	cis-1,3-Dichloropropene	0.388	0.399	-2.8	92	0.00
52	RT	1,1,2-Trichloroethane	0.257	0.253	1.6	98	0.00
53	t	1,3-Dichloropropane	0.408	0.433	-6.1	100	0.00
54	t	2-Hexanone	0.132	0.142	-7.6	99	0.00
55	t	Dibromochloromethane	0.280	0.280	0.0	98	0.00
56	T	1,2-Dibromoethane	0.230	0.231	-0.4	95	0.00
57	S	4-Bromofluorobenzene	0.328	0.355	-8.2	90	0.00
58	RT	Tetrachloroethene	0.297	0.290	2.4	90	0.00
59	Rt	Chlorobenzene	0.724	0.725	-0.1	90	0.00
60	T	1,1,1,2-Tetrachloroethane	0.284	0.283	0.4	96	0.00
61	t	Pentachloroethane	0.196	0.204	-4.1	101	0.00
62	t	Hexachloroethane	0.227	0.234	-3.1	95	0.00
63	Rt	Ethyl Benzene	1.111	1.203	-8.3	85	0.00
64	RT	m/p-Xylenes	0.437	0.526	-20.4	92	0.00
65	RT	o-Xylene	0.426	0.471	-10.6	88	0.00
66	RT	Styrene	0.703	0.834	-18.6	90	0.00
67	t	Bromoform	0.162	0.157	3.1	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.365	0.379	-3.8	91	0.00
69	T	Isopropylbenzene	1.060	1.154	-8.9	85	0.00
70	T	1,1,2,2-Tetrachloroethane	0.328	0.327	0.3	98	0.00
71	T	1,2,3-Trichloropropane	0.266	0.309	-16.2	116	0.00
72	t	Bromobenzene	0.288	0.301	-4.5	90	0.00
73	t	n-propylbenzene	0.285	0.344	-20.7	90	0.00
74	t	2-Chlorotoluene	0.279	0.319	-14.3	93	0.00
75	t	1,3,5-Trimethylbenzene	0.934	1.124	-20.3	90	0.00
76	t	4-Chlorotoluene	0.278	0.336	-20.9	93	0.00
77	t	tert-Butylbenzene	0.873	0.959	-9.9	86	0.00
78	t	1,2,4-Trimethylbenzene	0.965	1.181	-22.4	90	0.00
79	t	sec-Butylbenzene	1.202	1.381	-14.9	88	0.00
80		Nitrobenzene	0.018	0.015	16.7	94	0.00
81	t	p-Isopropyltoluene	0.943	1.150	-22.0	89	0.00
82	t	1,3-Dichlorobenzene	0.608	0.626	-3.0	91	0.00
83	Rt	1,4-Dichlorobenzene	0.599	0.633	-5.7	91	0.00
84	t	n-Butylbenzene	0.877	0.996	-13.6	85	0.00
85	Rt	1,2-Dichlorobenzene	0.599	0.615	-2.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.055	0.053	3.6	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.322	0.270	16.1	76	0.00
88	t	Hexachlorobutadiene	0.208	0.198	4.8	86	0.00
89	t	Naphthalene	0.581	0.529	9.0	77	0.00
90	t	1,2,3-Trichlorobenzene	0.344	0.307	10.8	83	0.00

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