Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
Data File : VU050727.D
Acq On : 16 Sep 2022 16:50
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 17 01:08:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 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	0.414	0.423	-2.2	90	0.00
3	t	Chloromethane	0.504	0.396	21.4	71	0.00
4	Rt	Vinyl Chloride	0.431	0.388	10.0	78	0.00
5	T	Bromomethane	0.176	0.193	-9.7	102	0.00
6	T	Chloroethane	0.260	0.221	15.0	74	0.00
7	T	Trichlorofluoromethane	0.537	0.470	12.5	77	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.300	0.270	10.0	80	0.00
9	Rt	1,1-Dichloroethene	0.295	0.242	18.0	73	0.00
10	t	Iodomethane	0.243	0.269	-10.7	95	0.00
11	t	Allyl Chloride	0.454	0.406	10.6	79	0.00
12	t	Acrylonitrile	0.088	0.106	-20.5	103	0.00
13	T	Acetone	0.062	0.074	-19.4	107	0.00
14	T	Carbon Disulfide	0.912	0.672	26.3	66	0.00
15	RT	Methylene Chloride	0.398	0.368	7.5	92	0.00
16	RT	trans-1,2-Dichloroethene	0.304	0.258	15.1	75	0.00
17	t	1,1-Dichloroethane	0.634	0.590	6.9	82	0.00
18	T	2-Butanone	0.097	0.131	-35.1#	114	0.00
19		Cyclohexane	0.460	0.429	6.7	84	0.00
20		Methylcyclohexane	0.363	0.413	-13.8	87	0.00
21	T	2,2-Dichloropropane	0.482	0.429	11.0	84	0.00
22	RT	cis-1,2-Dichloroethene	0.344	0.326	5.2	84	0.00
23	t	Diethyl Ether	0.253	0.247	2.4	86	0.00
24	t	tert-Butyl Alcohol	0.032	0.038	-18.7	115	0.00
25	t	Methyl tert-Butyl Ether	0.782	0.799	-2.2	91	0.00
26	t	Bromochloromethane	0.138	0.162	-17.4	107	0.00
27	t	Chloroform	0.614	0.595	3.1	86	0.00
28	RT	1,1,1-Trichloroethane	0.524	0.486	7.3	82	0.00
29	T	1,1-Dichloropropene	0.420	0.404	3.8	86	0.00
30	RT	Carbon Tetrachloride	0.420	0.403	4.0	83	0.00
31	t	Isopropyl Ether	0.984	0.794	19.3	72	0.00
32		Ethyl-t-butyl ether	0.773	0.733	5.2	82	0.00
33		Tert-Amyl methyl ether	0.504	0.710	-40.9#	105	0.00
34	t	Propionitrile	0.029	0.042	-44.8#	146	0.00
35	RT	Benzene	1.234	1.285	-4.1	89	0.00
36	RT	1,2-Dichloroethane	0.377	0.415	-10.1	97	0.00
37	RT	Trichloroethene	0.296	0.282	4.7	84	0.00
38	Rt	1,2-Dichloropropane	0.331	0.369	-11.5	93	0.00
39	t	Methacrylonitrile	0.118	0.133	-12.7	110	0.00
40	t	Methyl acrylate	0.179	0.220	-22.9	120	0.00
41	t	Tetrahydrofuran	0.059	0.077	-30.5#	117	0.00
42	t	1-Chlorobutane	0.598	0.584	2.3	89	0.00
43	T	Dibromomethane	0.179	0.203	-13.4	97	0.00
44	T	Bromodichloromethane	0.421	0.450	-6.9	92	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.283	-58.1#	120	0.00
46	t	t-1,4-Dichloro-2-butene	0.090	0.101	-12.2	80	0.00
47	t	Methyl methacrylate	0.134	0.208	-55.2#	113	0.00
48	t	Ethyl methacrylate	0.244	0.340	-39.3#	103	0.00
49	Rt	Toluene	0.663	0.744	-12.2	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.404	-23.2	98	0.00
51	T	cis-1,3-Dichloropropene	0.376	0.428	-13.8	92	0.00
52	RT	1,1,2-Trichloroethane	0.263	0.302	-14.8	98	0.00
53	t	1,3-Dichloropropane	0.413	0.496	-20.1	99	0.00
54	t	2-Hexanone	0.125	0.199	-59.2#	122	0.00
55	t	Dibromochloromethane	0.289	0.312	-8.0	93	0.00
56	T	1,2-Dibromoethane	0.236	0.277	-17.4	98	0.00
57	S	4-Bromofluorobenzene	0.340	0.635	-86.8#	145	0.00
58	RT	Tetrachloroethene	0.278	0.254	8.6	79	0.00
59	Rt	Chlorobenzene	0.716	0.761	-6.3	84	0.00
60	T	1,1,1,2-Tetrachloroethane	0.301	0.301	0.0	85	0.00
61	t	Pentachloroethane	0.250	0.261	-4.4	88	0.00
62	t	Hexachloroethane	0.208	0.221	-6.3	86	0.00
63	Rt	Ethyl Benzene	1.140	1.273	-11.7	80	0.00
64	RT	m/p-Xylenes	0.444	0.530	-19.4	82	0.00
65	RT	o-Xylene	0.423	0.482	-13.9	81	0.00
66	RT	Styrene	0.720	0.862	-19.7	81	0.00
67	t	Bromoform	0.164	0.194	-18.3	99	0.00
68	S	1,2-Dichlorobenzene-d4	0.402	0.387	3.7	83	0.00
69	T	Isopropylbenzene	1.100	1.248	-13.5	80	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.452	-25.2	107	0.00
71	T	1,2,3-Trichloropropane	0.272	0.324	-19.1	99	0.00
72	t	Bromobenzene	0.309	0.321	-3.9	82	0.00
73	t	n-propylbenzene	0.300	0.339	-13.0	77	0.00
74	t	2-Chlorotoluene	0.291	0.327	-12.4	81	0.00
75	t	1,3,5-Trimethylbenzene	0.973	1.135	-16.6	79	0.00
76	t	4-Chlorotoluene	0.298	0.341	-14.4	78	0.00
77	t	tert-Butylbenzene	0.957	1.041	-8.8	79	0.00
78	t	1,2,4-Trimethylbenzene	1.003	1.151	-14.8	78	0.00
79	t	sec-Butylbenzene	1.258	1.360	-8.1	75	0.00
80		Nitrobenzene	0.020	0.021	-5.0	94	0.00
81	t	p-Isopropyltoluene	1.003	1.040	-3.7	70	0.00
82	t	1,3-Dichlorobenzene	0.636	0.653	-2.7	80	0.00
83	Rt	1,4-Dichlorobenzene	0.633	0.652	-3.0	80	0.00
84	t	n-Butylbenzene	0.948	0.923	2.6	69	0.00
85	Rt	1,2-Dichlorobenzene	0.625	0.648	-3.7	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.069	-21.1	103	0.00
87	Rt	1,2,4-Trichlorobenzene	0.357	0.339	5.0	72	0.00
88	t	Hexachlorobutadiene	0.232	0.195	15.9	69	0.00
89	t	Naphthalene	0.786	0.730	7.1	73	0.00
90	t	1,2,3-Trichlorobenzene	0.376	0.372	1.1	74	0.00

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