Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
Data File : VU050392.D
Acq On : 22 Aug 2022 09:52
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 23 08:12:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 23 08:11:17 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	106	0.00
2	T	Dichlorodifluoromethane	0.414	0.389	6.0	95	0.00
3	t	Chloromethane	0.504	0.460	8.7	95	0.00
4	Rt	Vinyl Chloride	0.431	0.415	3.7	97	0.00
5	T	Bromomethane	0.176	0.148	15.9	91	0.00
6	T	Chloroethane	0.260	0.250	3.8	98	0.00
7	T	Trichlorofluoromethane	0.537	0.501	6.7	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.300	0.282	6.0	97	0.00
9	Rt	1,1-Dichloroethene	0.295	0.280	5.1	97	0.00
10	t	Iodomethane	0.243	0.202	16.9	82	0.00
11	t	Allyl Chloride	0.454	0.441	2.9	99	0.00
12	t	Acrylonitrile	0.088	0.084	4.5	95	0.00
13	T	Acetone	0.062	0.058	6.5	97	0.00
14	T	Carbon Disulfide	0.912	0.869	4.7	99	0.00
15	RT	Methylene Chloride	0.398	0.343	13.8	100	0.00
16	RT	trans-1,2-Dichloroethene	0.304	0.301	1.0	101	0.00
17	t	1,1-Dichloroethane	0.634	0.575	9.3	93	0.00
18	T	2-Butanone	0.097	0.084	13.4	85	0.00
19		Cyclohexane	0.460	0.403	12.4	91	0.00
20		Methylcyclohexane	0.363	0.425	-17.1	104	0.00
21	T	2,2-Dichloropropane	0.482	0.415	13.9	94	0.00
22	RT	cis-1,2-Dichloroethene	0.344	0.333	3.2	99	0.00
23	t	Diethyl Ether	0.253	0.243	4.0	97	0.00
24	t	tert-Butyl Alcohol	0.027	0.028	-3.7	136	0.00
25	t	Methyl tert-Butyl Ether	0.782	0.730	6.6	96	0.00
26	t	Bromochloromethane	0.138	0.151	-9.4	115	0.00
27	t	Chloroform	0.614	0.589	4.1	99	0.00
28	RT	1,1,1-Trichloroethane	0.524	0.478	8.8	94	0.00
29	T	1,1-Dichloropropene	0.420	0.404	3.8	100	0.00
30	RT	Carbon Tetrachloride	0.420	0.412	1.9	98	0.00
31	t	Isopropyl Ether	0.984	0.785	20.2	82	0.00
32		Ethyl-t-butyl ether	0.773	0.546	29.4	70	0.00
33		Tert-Amyl methyl ether	0.504	0.448	11.1	77	0.00
34	t	Propionitrile	0.029	0.029	0.0	116	0.00
35	RT	Benzene	1.234	1.248	-1.1	100	0.00
36	RT	1,2-Dichloroethane	0.377	0.364	3.4	98	0.00
37	RT	Trichloroethene	0.296	0.297	-0.3	102	0.00
38	Rt	1,2-Dichloropropane	0.331	0.345	-4.2	101	0.00
39	t	Methacrylonitrile	0.118	0.098	16.9	93	0.00
40	t	Methyl acrylate	0.179	0.162	9.5	103	0.00
41	t	Tetrahydrofuran	0.059	0.052	11.9	91	0.00
42	t	1-Chlorobutane	0.598	0.560	6.4	99	0.00
43	T	Dibromomethane	0.179	0.180	-0.6	100	0.00
44	T	Bromodichloromethane	0.421	0.445	-5.7	105	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.195	-8.9	96	0.00
46	t	t-1,4-Dichloro-2-butene	0.090	0.091	-1.1	83	0.00
47	t	Methyl methacrylate	0.134	0.151	-12.7	95	0.00
48	t	Ethyl methacrylate	0.244	0.266	-9.0	93	0.00
49	Rt	Toluene	0.663	0.753	-13.6	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.378	-15.2	106	0.00
51	T	cis-1,3-Dichloropropene	0.376	0.425	-13.0	105	0.00
52	RT	1,1,2-Trichloroethane	0.263	0.262	0.4	99	0.00
53	t	1,3-Dichloropropane	0.413	0.431	-4.4	99	0.00
54	t	2-Hexanone	0.125	0.135	-8.0	96	0.00
55	t	Dibromochloromethane	0.289	0.311	-7.6	107	0.00
56	T	1,2-Dibromoethane	0.236	0.239	-1.3	98	0.00
57	S	4-Bromofluorobenzene	0.340	0.448	-31.8#	119	0.00
58	RT	Tetrachloroethene	0.278	0.268	3.6	96	0.00
59	Rt	Chlorobenzene	0.716	0.783	-9.4	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.301	0.314	-4.3	103	0.00
61	t	Pentachloroethane	0.250	0.271	-8.4	106	0.00
62	t	Hexachloroethane	0.208	0.264	-26.9	119	0.00
63	Rt	Ethyl Benzene	1.140	1.360	-19.3	99	0.00
64	RT	m/p-Xylenes	0.444	0.552	-24.3	99	0.00
65	RT	o-Xylene	0.423	0.509	-20.3	99	0.00
66	RT	Styrene	0.720	0.908	-26.1	98	0.00
67	t	Bromoform	0.164	0.184	-12.2	109	0.00
68	S	1,2-Dichlorobenzene-d4	0.402	0.396	1.5	98	0.00
69	T	Isopropylbenzene	1.100	1.334	-21.3	100	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.359	0.6	99	0.00
71	T	1,2,3-Trichloropropane	0.272	0.249	8.5	88	0.00
72	t	Bromobenzene	0.309	0.328	-6.1	97	0.00
73	t	n-propylbenzene	0.300	0.365	-21.7	95	0.00
74	t	2-Chlorotoluene	0.291	0.336	-15.5	96	0.00
75	t	1,3,5-Trimethylbenzene	0.973	1.215	-24.9	98	0.00
76	t	4-Chlorotoluene	0.298	0.340	-14.1	90	0.00
77	t	tert-Butylbenzene	0.957	1.139	-19.0	99	0.00
78	t	1,2,4-Trimethylbenzene	1.003	1.243	-23.9	97	0.00
79	t	sec-Butylbenzene	1.258	1.527	-21.4	98	0.00
80		Nitrobenzene	0.020	0.022	-10.0	110	0.00
81	t	p-Isopropyltoluene	1.003	1.234	-23.0	96	0.00
82	t	1,3-Dichlorobenzene	0.636	0.676	-6.3	96	0.00
83	Rt	1,4-Dichlorobenzene	0.633	0.684	-8.1	97	0.00
84	t	n-Butylbenzene	0.948	1.090	-15.0	95	0.00
85	Rt	1,2-Dichlorobenzene	0.625	0.663	-6.1	97	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.061	-7.0	106	0.00
87	Rt	1,2,4-Trichlorobenzene	0.357	0.369	-3.4	91	0.00
88	t	Hexachlorobutadiene	0.232	0.234	-0.9	96	0.00
89	t	Naphthalene	0.786	0.756	3.8	87	0.00
90	t	1,2,3-Trichlorobenzene	0.376	0.383	-1.9	88	0.00

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