Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
Data File : VU060646.D
Acq On : 06 Sep 2024 17:09
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090624

Quant Time: Sep 07 01:39:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 01:38:12 2024
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	96	0.00
2	T	Dichlorodifluoromethane	0.422	0.179	57.6#	38	0.00
3	t	Chloromethane	0.410	0.250	39.0#	56	0.00
4	Rt	Vinyl Chloride	0.407	0.267	34.4#	59	0.00
5	T	Bromomethane	0.253	0.182	28.1	64	0.00
6	T	Chloroethane	0.236	0.172	27.1	67	0.00
7	T	Trichlorofluoromethane	0.590	0.442	25.1	69	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.256	0.224	12.5	80	0.00
9	Rt	1,1-Dichloroethene	0.261	0.220	15.7	76	0.00
10	t	Iodomethane	0.345	0.277	19.7	68	0.00
11	t	Allyl Chloride	0.334	0.317	5.1	83	0.00
12	t	Acrylonitrile	0.055	0.127	-130.9#	191	0.00
13	T	Acetone	0.098	0.051	48.0#	51	0.00
14	T	Carbon Disulfide	0.863	0.575	33.4#	60	0.00
15	RT	Methylene Chloride	0.359	0.266	25.9	79	0.00
16	RT	trans-1,2-Dichloroethene	0.276	0.232	15.9	74	0.00
17	t	1,1-Dichloroethane	0.520	0.479	7.9	82	0.00
18	T	2-Butanone	0.107	0.065	39.3#	55	0.00
19		Cyclohexane	0.407	0.337	17.2	66	0.00
20		Methylcyclohexane	0.417	0.365	12.5	70	0.00
21	T	2,2-Dichloropropane	0.423	0.396	6.4	81	0.00
22	RT	cis-1,2-Dichloroethene	0.286	0.283	1.0	85	0.00
23	t	Diethyl Ether	0.209	0.169	19.1	72	0.00
24	t	tert-Butyl Alcohol	0.019	0.010	47.4#	44	0.00
25	t	Methyl tert-Butyl Ether	0.578	0.566	2.1	82	0.00
26	t	Bromochloromethane	0.132	0.124	6.1	83	0.00
27	t	Chloroform	0.549	0.506	7.8	85	0.00
28	RT	1,1,1-Trichloroethane	0.484	0.429	11.4	79	0.00
29	T	1,1-Dichloropropene	0.368	0.324	12.0	72	0.00
30	RT	Carbon Tetrachloride	0.434	0.387	10.8	79	0.00
31	t	Isopropyl Ether	0.660	0.745	-12.9	94	0.00
32		Ethyl-t-butyl ether	0.649	0.000	100.0#	0#	-4.49#
33		Tert-Amyl methyl ether	0.574	0.000	100.0#	0#	-5.93#
34	t	Propionitrile	0.021	0.042	-100.0#	163	-0.01
35	RT	Benzene	1.119	1.034	7.6	80	0.00
36	RT	1,2-Dichloroethane	0.338	0.297	12.1	79	0.00
37	RT	Trichloroethene	0.300	0.250	16.7	75	0.00
38	Rt	1,2-Dichloropropane	0.300	0.267	11.0	77	0.00
39	t	Methacrylonitrile	0.067	0.073	-9.0	84	0.00
40	t	Methyl acrylate	0.140	0.132	5.7	78	0.00
41	t	Tetrahydrofuran	0.038	0.094	-147.4#	203#	0.00
42	t	1-Chlorobutane	0.500	0.483	3.4	81	0.00
43	T	Dibromomethane	0.150	0.139	7.3	83	0.00
44	T	Bromodichloromethane	0.379	0.372	1.8	87	0.00
45	T	4-Methyl-2-Pentanone	0.148	0.148	0.0	83	0.00
46	t	t-1,4-Dichloro-2-butene	0.083	0.061	26.5	65	0.00
47	t	Methyl methacrylate	0.121	0.058	52.1#	39	0.00
48	t	Ethyl methacrylate	0.215	0.234	-8.8	83	0.00
49	Rt	Toluene	0.648	0.631	2.6	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.326	0.321	1.5	81	0.00
51	T	cis-1,3-Dichloropropene	0.393	0.368	6.4	79	0.00
52	RT	1,1,2-Trichloroethane	0.205	0.191	6.8	82	0.00
53	t	1,3-Dichloropropane	0.352	0.328	6.8	80	0.00
54	t	2-Hexanone	0.142	0.115	19.0	68	0.00
55	t	Dibromochloromethane	0.253	0.250	1.2	84	0.00
56	T	1,2-Dibromoethane	0.187	0.172	8.0	80	0.00
57	S	4-Bromofluorobenzene	0.366	0.408	-11.5	102	0.00
58	RT	Tetrachloroethene	0.282	0.251	11.0	77	0.00
59	Rt	Chlorobenzene	0.728	0.700	3.8	81	0.00
60	T	1,1,1,2-Tetrachloroethane	0.273	0.261	4.4	84	0.00
61	t	Pentachloroethane	0.215	0.210	2.3	87	0.00
62	t	Hexachloroethane	0.213	0.216	-1.4	86	0.00
63	Rt	Ethyl Benzene	1.175	1.231	-4.8	82	0.00
64	RT	m/p-Xylenes	0.464	0.492	-6.0	82	0.00
65	RT	o-Xylene	0.444	0.468	-5.4	82	0.00
66	RT	Styrene	0.713	0.810	-13.6	87	0.00
67	t	Bromoform	0.143	0.145	-1.4	86	0.00
68	S	1,2-Dichlorobenzene-d4	0.367	0.400	-9.0	101	0.00
69	T	Isopropylbenzene	1.143	1.262	-10.4	85	0.00
70	T	1,1,2,2-Tetrachloroethane	0.254	0.240	5.5	82	0.00
71	T	1,2,3-Trichloropropane	0.220	0.183	16.8	72	0.00
72	t	Bromobenzene	0.290	0.300	-3.4	86	0.00
73	t	n-propylbenzene	0.318	0.344	-8.2	83	0.00
74	t	2-Chlorotoluene	0.290	0.308	-6.2	85	0.00
75	t	1,3,5-Trimethylbenzene	0.997	1.107	-11.0	84	0.00
76	t	4-Chlorotoluene	0.298	0.318	-6.7	83	0.00
77	t	tert-Butylbenzene	0.967	1.050	-8.6	86	0.00
78	t	1,2,4-Trimethylbenzene	1.014	1.104	-8.9	81	0.00
79	t	sec-Butylbenzene	1.265	1.364	-7.8	83	0.00
80		Nitrobenzene	0.007	0.002	71.4#	16#	0.00
81	t	p-Isopropyltoluene	1.054	1.182	-12.1	85	0.00
82	t	1,3-Dichlorobenzene	0.595	0.606	-1.8	84	0.00
83	Rt	1,4-Dichlorobenzene	0.594	0.599	-0.8	83	0.00
84	t	n-Butylbenzene	0.966	1.060	-9.7	82	0.00
85	Rt	1,2-Dichlorobenzene	0.556	0.557	-0.2	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.038	0.038	0.0	83	0.00
87	Rt	1,2,4-Trichlorobenzene	0.304	0.364	-19.7	90	0.00
88	t	Hexachlorobutadiene	0.227	0.214	5.7	80	0.00
89	t	Naphthalene	0.459	0.522	-13.7	86	0.00
90	t	1,2,3-Trichlorobenzene	0.265	0.307	-15.8	85	0.00

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