Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
Data File : VN071517.D
Acq On : 24 Mar 2022 12:50
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032422

Quant Time: Mar 25 08:38:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	103	0.00
2	M	Dichlorodifluoromethane	1.867	1.745	6.5	94	0.00
3	M	Chloromethane	2.201	2.002	9.0	95	0.00
4	M	Vinyl Chloride	2.524	2.229	11.7	93	0.00
5	M	Bromomethane	1.487	1.625	-9.3	102	0.00
6	M	Chloroethane	1.616	1.523	5.8	99	0.00
7	M	Trichlorofluoromethane	2.943	2.684	8.8	96	0.00
8	T	Diethyl Ether	1.236	1.085	12.2	93	0.00
9		1,1,2-Trichlorotrifluoroeth	1.762	1.662	5.7	97	0.00
10	M	1,1-Dichloroethene	1.738	1.561	10.2	95	0.00
11		Methyl Iodide	2.547	2.102	17.5	88	0.00
12		Methyl Acetate	2.449	2.079	15.1	90	0.00
13	M	Acrolein	0.261	0.215	17.6	91	0.00
14	M	Acrylonitrile	1.109	0.949	14.4	92	0.00
15	M	Acetone	0.319	0.320	-0.3	101	0.00
16	M	Carbon Disulfide	4.525	3.993	11.8	95	0.00
17		Allyl chloride	2.819	2.454	12.9	93	0.00
18	M	Methylene Chloride	2.085	1.868	10.4	95	0.00
19	M	trans-1,2-Dichloroethene	1.859	1.661	10.7	95	0.00
20	T	Diisopropyl ether	5.898	5.386	8.7	95	0.00
21	M	1,1-Dichloroethane	3.561	3.165	11.1	94	0.00
22	M	cis-1,2-Dichloroethene	2.258	2.020	10.5	94	0.00
23	M	tert-Butyl Alcohol	0.396	0.343	13.4	96	0.00
24	M	Methyl tert-Butyl Ether	6.273	5.645	10.0	95	0.00
25	M	Chloroform	3.582	3.292	8.1	96	0.00
26		Cyclohexane	3.078	2.761	10.3	95	0.00
27	s	1,2-Dichloroethane-d4	2.114	2.134	-0.9	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.486	0.443	8.8	98	0.00
30	M	2-Butanone	0.270	0.235	13.0	93	0.00
31		2,2-Dichloropropane	0.553	0.498	9.9	97	0.00
32	M	1,1,1-Trichloroethane	0.566	0.506	10.6	96	0.00
33	M	Carbon Tetrachloride	0.479	0.423	11.7	94	0.00
34	M	Benzene	1.509	1.343	11.0	94	0.00
35		Methacrylonitrile	0.259	0.234	9.7	92	0.00
36	M	1,2-Dichloroethane	0.526	0.469	10.8	95	0.00
37	M	Trichloroethene	0.389	0.348	10.5	97	0.00
38		Methylcyclohexane	0.612	0.560	8.5	99	0.00
39	M	1,2-Dichloropropane	0.377	0.335	11.1	94	0.00
40		Dibromomethane	0.255	0.225	11.8	94	0.00
41	M	Bromodichloromethane	0.511	0.449	12.1	95	0.00
42	M	Vinyl Acetate	0.926	0.811	12.4	95	0.00
43		Ethyl Acetate	0.524	0.445	15.1	89	0.00
44		Isopropyl Acetate	0.841	0.715	15.0	94	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	93	0.00
46		Methyl methacrylate	0.369	0.305	17.3	94	0.00
47		n-amyl Acetate	0.561	0.470	16.2	99	0.00
48	M	t-1,3-Dichloropropene	0.556	0.487	12.4	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.608	0.527	13.3	95	0.00
50	M	1,1,2-Trichloroethane	0.382	0.341	10.7	95	0.00
51		Ethyl methacrylate	0.590	0.506	14.2	97	0.00
52		1,3-Dichloropropane	0.652	0.584	10.4	95	0.00
53	M	Dibromochloromethane	0.395	0.343	13.2	95	0.00
54	M	1,2-Dibromoethane	0.393	0.349	11.2	97	0.00
55	M	2-Chloroethyl vinyl ether	0.159	0.117	26.4	81	0.00
56	M	Bromoform	0.305	0.251	17.7	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.569	0.497	12.7	93	0.00
59	M	2-Hexanone	0.416	0.364	12.5	94	0.00
60	S	4-Bromofluorobenzene	0.445	0.450	-1.1	108	0.00
61	M	Tetrachloroethene	0.365	0.342	6.3	98	0.00
62	M	Toluene	1.819	1.667	8.4	96	0.00
63	S	Toluene-d8	1.362	1.398	-2.6	105	0.00
64	M	Chlorobenzene	1.122	1.019	9.2	98	0.00
65		1,1,1,2-Tetrachloroethane	0.412	0.367	10.9	94	0.00
66	M	Ethyl Benzene	1.977	1.778	10.1	98	0.00
67	M	m/p-Xylenes	0.769	0.703	8.6	98	0.00
68	M	o-Xylene	0.764	0.687	10.1	97	0.00
69	M	Styrene	1.203	1.061	11.8	98	0.00
70		Isopropylbenzene	1.918	1.759	8.3	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.624	0.554	11.2	92	0.00
72		1,2,3-Trichloropropane	0.536	0.403	24.8	78	0.00
73		Bromobenzene	0.468	0.415	11.3	98	0.00
74		n-propylbenzene	2.094	1.889	9.8	100	0.00
75		2-Chlorotoluene	1.308	1.183	9.6	98	0.00
76		1,3,5-Trimethylbenzene	1.539	1.411	8.3	98	0.00
77		t-1,4-Dichloro-2-butene	0.188	0.159	15.4	101	0.00
78		4-Chlorotoluene	1.222	1.098	10.1	100	0.00
79		tert-butylbenzene	1.389	1.259	9.4	98	0.00
80		1,2,4-Trimethylbenzene	1.493	1.371	8.2	100	0.00
81		sec-Butylbenzene	1.866	1.673	10.3	99	0.00
82		p-Isopropyltoluene	1.516	1.369	9.7	101	0.00
83	M	1,3-Dichlorobenzene	0.766	0.702	8.4	103	0.00
84	M	1,4-Dichlorobenzene	0.731	0.664	9.2	103	0.00
85		n-Butylbenzene	1.126	0.979	13.1	105	0.00
86	T	Hexachloroethane	0.283	0.238	15.9	93	0.00
87	M	1,2-Dichlorobenzene	0.740	0.681	8.0	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.090	18.9	92	0.00
89		1,2,4-Trichlorobenzene	0.342	0.303	11.4	107	0.00
90		Hexachlorobutadiene	0.203	0.196	3.4	106	0.00
91	M	Naphthalene	0.951	0.785	17.5	109	0.00
92		1,2,3-Trichlorobenzene	0.336	0.304	9.5	109	0.00

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