Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
Data File : VN069133.D
Acq On : 22 Oct 2021 13:45
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102221

Quant Time: Oct 23 07:53:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 22 13:15:19 2021
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	88	0.00
2	M	Dichlorodifluoromethane	1.984	2.271	-14.5	94	0.00
3	M	Chloromethane	2.062	2.332	-13.1	94	0.00
4	M	Vinyl Chloride	2.458	2.641	-7.4	90	0.00
5	M	Bromomethane	1.612	1.953	-21.2	91	0.00
6	M	Chloroethane	1.593	1.702	-6.8	79	0.00
7	M	Trichlorofluoromethane	3.183	3.546	-11.4	91	0.00
8	T	Diethyl Ether	1.127	1.239	-9.9	89	0.00
9		1,1,2-Trichlorotrifluoroeth	1.729	1.955	-13.1	93	0.00
10	M	1,1-Dichloroethene	1.687	1.852	-9.8	91	0.00
11		Methyl Iodide	2.372	2.241	5.5	83	0.00
12		Methyl Acetate	3.213	3.439	-7.0	89	0.00
13	M	Acrolein	0.194	0.192	1.0	87	0.00
14	M	Acrylonitrile	0.912	0.984	-7.9	90	0.00
15	M	Acetone	0.285	0.308	-8.1	78	0.00
16	M	Carbon Disulfide	4.534	4.885	-7.7	93	0.00
17		Allyl chloride	2.906	3.100	-6.7	90	0.00
18	M	Methylene Chloride	2.005	2.222	-10.8	93	0.00
19	M	trans-1,2-Dichloroethene	1.832	1.981	-8.1	91	0.00
20	T	Diisopropyl ether	6.207	6.647	-7.1	91	0.00
21	M	1,1-Dichloroethane	3.464	3.774	-8.9	91	0.00
22	M	cis-1,2-Dichloroethene	2.196	2.420	-10.2	93	0.00
23	M	tert-Butyl Alcohol	0.374	0.411	-9.9	93	0.00
24	M	Methyl tert-Butyl Ether	6.400	6.885	-7.6	91	0.00
25	M	Chloroform	3.702	4.011	-8.3	91	0.00
26		Cyclohexane	3.191	3.516	-10.2	93	0.00
27	s	1,2-Dichloroethane-d4	2.337	2.401	-2.7	90	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.472	0.493	-4.4	91	0.00
30	M	2-Butanone	0.227	0.236	-4.0	86	0.00
31		2,2-Dichloropropane	0.566	0.600	-6.0	91	0.00
32	M	1,1,1-Trichloroethane	0.587	0.607	-3.4	90	0.00
33	M	Carbon Tetrachloride	0.499	0.520	-4.2	92	0.00
34	M	Benzene	1.410	1.483	-5.2	90	0.00
35		Methacrylonitrile	0.226	0.225	0.4	90	0.00
36	M	1,2-Dichloroethane	0.509	0.531	-4.3	92	0.00
37	M	Trichloroethene	0.358	0.377	-5.3	92	0.00
38		Methylcyclohexane	0.601	0.650	-8.2	94	0.00
39	M	1,2-Dichloropropane	0.359	0.376	-4.7	89	0.00
40		Dibromomethane	0.251	0.264	-5.2	92	0.00
41	M	Bromodichloromethane	0.502	0.523	-4.2	92	0.00
42	M	Vinyl Acetate	0.809	0.834	-3.1	90	0.00
43		Ethyl Acetate	0.442	0.472	-6.8	90	0.00
44		Isopropyl Acetate	0.819	0.853	-4.2	90	0.00
45	T	1,4-Dioxane	0.007	0.007#	0.0	95	0.00
46		Methyl methacrylate	0.370	0.361	2.4	92	0.00
47		n-amyl Acetate	0.695	0.710	-2.2	94	0.00
48	M	t-1,3-Dichloropropene	0.581	0.590	-1.5	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.605	0.615	-1.7	91	0.00
50	M	1,1,2-Trichloroethane	0.361	0.376	-4.2	91	0.00
51		Ethyl methacrylate	0.595	0.613	-3.0	91	0.00
52		1,3-Dichloropropane	0.607	0.633	-4.3	91	0.00
53	M	Dibromochloromethane	0.385	0.388	-0.8	91	0.00
54	M	1,2-Dibromoethane	0.377	0.386	-2.4	90	0.00
55	M	2-Chloroethyl vinyl ether	0.189	0.145	23.3	72	0.00
56	M	Bromoform	0.278	0.269	3.2	91	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.506	0.531	-4.9	90	0.00
59	M	2-Hexanone	0.382	0.401	-5.0	88	0.00
60	S	4-Bromofluorobenzene	0.514	0.505	1.8	90	0.00
61	M	Tetrachloroethene	0.326	0.362	-11.0	96	0.00
62	M	Toluene	1.747	1.867	-6.9	92	0.00
63	S	Toluene-d8	1.355	1.356	-0.1	89	0.00
64	M	Chlorobenzene	1.060	1.124	-6.0	93	0.00
65		1,1,1,2-Tetrachloroethane	0.394	0.416	-5.6	93	0.00
66	M	Ethyl Benzene	1.965	2.099	-6.8	93	0.00
67	M	m/p-Xylenes	0.739	0.794	-7.4	93	0.00
68	M	o-Xylene	0.740	0.777	-5.0	92	0.00
69	M	Styrene	1.226	1.278	-4.2	94	0.00
70		Isopropylbenzene	1.939	2.079	-7.2	94	0.00
71	M	1,1,2,2-Tetrachloroethane	0.568	0.599	-5.5	90	0.00
72		1,2,3-Trichloropropane	0.488	0.504	-3.3	98	0.00
73		Bromobenzene	0.440	0.463	-5.2	93	0.00
74		n-propylbenzene	2.227	2.380	-6.9	95	0.00
75		2-Chlorotoluene	1.364	1.460	-7.0	94	0.00
76		1,3,5-Trimethylbenzene	1.616	1.726	-6.8	94	0.00
77		t-1,4-Dichloro-2-butene	0.191	0.184	3.7	89	0.00
78		4-Chlorotoluene	1.337	1.405	-5.1	95	0.00
79		tert-butylbenzene	1.419	1.507	-6.2	93	0.00
80		1,2,4-Trimethylbenzene	1.587	1.702	-7.2	94	0.00
81		sec-Butylbenzene	1.987	2.119	-6.6	95	0.00
82		p-Isopropyltoluene	1.621	1.717	-5.9	95	0.00
83	M	1,3-Dichlorobenzene	0.774	0.825	-6.6	97	0.00
84	M	1,4-Dichlorobenzene	0.754	0.797	-5.7	97	0.00
85		n-Butylbenzene	1.355	1.418	-4.6	97	0.00
86	T	Hexachloroethane	0.303	0.307	-1.3	92	0.00
87	M	1,2-Dichlorobenzene	0.739	0.795	-7.6	96	0.00
88		1,2-Dibromo-3-Chloropropane	0.106	0.107	-0.9	90	0.00
89		1,2,4-Trichlorobenzene	0.373	0.382	-2.4	98	0.00
90		Hexachlorobutadiene	0.195	0.213	-9.2	98	0.00
91	M	Naphthalene	1.078	1.115	-3.4	102	0.00
92		1,2,3-Trichlorobenzene	0.356	0.377	-5.9	100	0.00

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