Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072635.D
Acq On : 26 May 2022 16:46
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Quant Time: May 27 05:49:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 27 05:07:24 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	104	0.00
2	M	Dichlorodifluoromethane	2.050	2.090	-2.0	97	0.00
3	M	Chloromethane	2.749	2.407	12.4	94	0.00
4	M	Vinyl Chloride	2.298	2.052	10.7	93	0.00
5	M	Bromomethane	1.118	1.004	10.2	101	0.02
6	M	Chloroethane	1.438	1.263	12.2	87	0.01
7	M	Trichlorofluoromethane	3.293	3.435	-4.3	97	0.00
8	T	Diethyl Ether	1.382	1.413	-2.2	92	0.00
9		1,1,2-Trichlorotrifluoroeth	1.840	2.004	-8.9	98	0.00
10	M	1,1-Dichloroethene	1.807	1.908	-5.6	94	0.00
11		Methyl Iodide	1.730	1.627	6.0	87	0.00
12		Methyl Acetate	3.545	3.768	-6.3	102	0.00
13	M	Acrolein	0.406	0.392	3.4	100	0.00
14	M	Acrylonitrile	1.527	1.631	-6.8	100	0.00
15	M	Acetone	0.393	0.445	-13.2	103	0.00
16	M	Carbon Disulfide	4.955	5.249	-5.9	99	0.00
17		Allyl chloride	3.753	3.979	-6.0	99	0.00
18	M	Methylene Chloride	2.375	2.443	-2.9	90	0.01
19	M	trans-1,2-Dichloroethene	1.976	2.076	-5.1	93	0.00
20	T	Diisopropyl ether	8.606	8.363	2.8	96	0.00
21	M	1,1-Dichloroethane	4.381	4.279	2.3	95	0.00
22	M	cis-1,2-Dichloroethene	2.510	2.594	-3.3	97	0.00
23	M	tert-Butyl Alcohol	0.513	0.531	-3.5	104	0.00
24	M	Methyl tert-Butyl Ether	6.941	7.222	-4.0	97	0.00
25	M	Chloroform	4.451	4.237	4.8	95	0.00
26		Cyclohexane	4.132	3.803	8.0	95	0.00
27	s	1,2-Dichloroethane-d4	2.871	2.777	3.3	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.567	0.548	3.4	93	0.00
30	M	2-Butanone	0.382	0.409	-7.1	99	0.00
31		2,2-Dichloropropane	0.575	0.610	-6.1	98	0.00
32	M	1,1,1-Trichloroethane	0.629	0.626	0.5	95	0.00
33	M	Carbon Tetrachloride	0.559	0.523	6.4	91	0.00
34	M	Benzene	1.783	1.732	2.9	93	0.00
35		Methacrylonitrile	0.390	0.365	6.4	98	0.00
36	M	1,2-Dichloroethane	0.580	0.578	0.3	96	0.00
37	M	Trichloroethene	0.424	0.399	5.9	92	0.00
38		Methylcyclohexane	0.701	0.642	8.4	91	0.00
39	M	1,2-Dichloropropane	0.476	0.436	8.4	88	0.00
40		Dibromomethane	0.302	0.284	6.0	91	0.00
41	M	Bromodichloromethane	0.605	0.531	12.2	85	0.00
42	M	Vinyl Acetate	1.247	1.282	-2.8	97	0.00
43		Ethyl Acetate	0.733	0.716	2.3	95	0.00
44		Isopropyl Acetate	1.142	1.140	0.2	98	0.00
45	T	1,4-Dioxane	0.010	0.009#	10.0	94	0.00
46		Methyl methacrylate	0.538	0.488	9.3	94	0.00
47		n-amyl Acetate	0.832	0.711	14.5	86	0.00
48	M	t-1,3-Dichloropropene	0.653	0.584	10.6	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.719	0.615	14.5	83	0.00
50	M	1,1,2-Trichloroethane	0.443	0.385	13.1	83	0.00
51		Ethyl methacrylate	0.748	0.671	10.3	88	0.00
52		1,3-Dichloropropane	0.782	0.683	12.7	84	0.00
53	M	Dibromochloromethane	0.456	0.380	16.7	80	0.00
54	M	1,2-Dibromoethane	0.455	0.373	18.0	78	0.00
55	M	2-Chloroethyl vinyl ether	0.327	0.278	15.0	91	0.00
56	M	Bromoform	0.329	0.270	17.9	79	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58	M	4-Methyl-2-Pentanone	0.867	0.991	-14.3	95	0.00
59	M	2-Hexanone	0.618	0.726	-17.5	98	0.00
60	S	4-Bromofluorobenzene	0.527	0.538	-2.1	89	0.00
61	M	Tetrachloroethene	0.397	0.382	3.8	77	0.00
62	M	Toluene	2.106	2.177	-3.4	83	0.00
63	S	Toluene-d8	1.706	1.811	-6.2	92	0.00
64	M	Chlorobenzene	1.224	1.185	3.2	79	0.00
65		1,1,1,2-Tetrachloroethane	0.482	0.454	5.8	77	0.00
66	M	Ethyl Benzene	2.323	2.234	3.8	81	0.00
67	M	m/p-Xylenes	0.844	0.842	0.2	81	0.00
68	M	o-Xylene	0.840	0.837	0.4	81	0.00
69	M	Styrene	1.331	1.257	5.6	79	0.00
70		Isopropylbenzene	2.146	2.328	-8.5	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.737	0.766	-3.9	84	0.00
72		1,2,3-Trichloropropane	0.622	0.682	-9.6	86	0.00
73		Bromobenzene	0.472	0.462	2.1	80	0.00
74		n-propylbenzene	2.427	2.426	0.0	84	0.00
75		2-Chlorotoluene	1.472	1.421	3.5	81	0.00
76		1,3,5-Trimethylbenzene	1.694	1.625	4.1	79	0.00
77		t-1,4-Dichloro-2-butene	0.243	0.245	-0.8	87	0.00
78		4-Chlorotoluene	1.340	1.316	1.8	82	0.00
79		tert-butylbenzene	1.482	1.460	1.5	79	0.00
80		1,2,4-Trimethylbenzene	1.635	1.596	2.4	80	0.00
81		sec-Butylbenzene	2.144	2.117	1.3	85	0.00
82		p-Isopropyltoluene	1.662	1.570	5.5	81	0.00
83	M	1,3-Dichlorobenzene	0.818	0.759	7.2	80	0.00
84	M	1,4-Dichlorobenzene	0.795	0.740	6.9	80	0.00
85		n-Butylbenzene	1.366	1.446	-5.9	97	0.00
86	T	Hexachloroethane	0.331	0.327	1.2	85	0.00
87	M	1,2-Dichlorobenzene	0.808	0.852	-5.4	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.150	-4.9	91	0.00
89		1,2,4-Trichlorobenzene	0.399	0.357	10.5	79	0.00
90		Hexachlorobutadiene	0.200	0.184	8.0	75	0.00
91	M	Naphthalene	1.399	1.598	-14.2	105	0.00
92		1,2,3-Trichlorobenzene	0.407	0.465	-14.3	99	0.00

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