Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
Data File : VN075008.D
Acq On : 25 Oct 2022 13:46
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102522

Quant Time: Oct 27 10:25:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% 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	1.460	1.525	-4.5	102	0.00
3	M	Chloromethane	1.921	1.986	-3.4	91	0.00
4	M	Vinyl Chloride	2.905	3.019	-3.9	100	0.00
5	M	Bromomethane	2.297	2.548	-10.9	104	-0.02
6	M	Chloroethane	2.241	2.226	0.7	93	-0.01
7	M	Trichlorofluoromethane	3.126	3.334	-6.7	103	-0.01
8	T	Diethyl Ether	1.285	1.320	-2.7	101	0.00
9		1,1,2-Trichlorotrifluoroeth	1.832	1.891	-3.2	100	0.00
10	M	1,1-Dichloroethene	1.719	1.822	-6.0	110	0.00
11		Methyl Iodide	2.681	2.709	-1.0	100	0.00
12		Methyl Acetate	2.912	3.041	-4.4	105	0.00
13	M	Acrolein	0.357	0.354	0.8	93	-0.01
14	M	Acrylonitrile	1.203	1.196	0.6	99	0.00
15	M	Acetone	0.336	0.375	-11.6	111	0.00
16	M	Carbon Disulfide	3.784	3.797	-0.3	102	0.00
17		Allyl chloride	2.303	2.367	-2.8	99	-0.01
18	M	Methylene Chloride	2.153	2.192	-1.8	101	-0.01
19	M	trans-1,2-Dichloroethene	1.911	1.889	1.2	102	0.00
20	T	Diisopropyl ether	5.977	5.914	1.1	99	0.00
21	M	1,1-Dichloroethane	3.712	3.848	-3.7	105	0.00
22	M	cis-1,2-Dichloroethene	2.414	2.346	2.8	98	0.00
23	M	tert-Butyl Alcohol	0.557	0.558	-0.2	105	0.01
24	M	Methyl tert-Butyl Ether	7.030	6.976	0.8	102	0.00
25	M	Chloroform	4.101	4.002	2.4	101	0.00
26		Cyclohexane	2.982	2.962	0.7	103	0.00
27	s	1,2-Dichloroethane-d4	2.743	2.844	-3.7	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.515	0.503	2.3	100	0.00
30	M	2-Butanone	0.297	0.307	-3.4	102	0.00
31		2,2-Dichloropropane	0.629	0.638	-1.4	103	0.00
32	M	1,1,1-Trichloroethane	0.666	0.659	1.1	99	0.00
33	M	Carbon Tetrachloride	0.587	0.551	6.1	98	0.00
34	M	Benzene	1.573	1.587	-0.9	102	0.00
35		Methacrylonitrile	0.284	0.291	-2.5	106	0.00
36	M	1,2-Dichloroethane	0.583	0.590	-1.2	101	0.00
37	M	Trichloroethene	0.391	0.394	-0.8	105	0.00
38		Methylcyclohexane	0.638	0.610	4.4	99	0.00
39	M	1,2-Dichloropropane	0.396	0.395	0.3	99	0.00
40		Dibromomethane	0.300	0.299	0.3	105	0.00
41	M	Bromodichloromethane	0.585	0.580	0.9	102	0.00
42	M	Vinyl Acetate	0.836	0.827	1.1	99	0.00
43		Ethyl Acetate	0.586	0.548	6.5	96	0.00
44		Isopropyl Acetate	0.940	0.942	-0.2	101	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	108	0.00
46		Methyl methacrylate	0.422	0.423	-0.2	96	0.00
47		n-amyl Acetate	0.808	0.802	0.7	103	0.00
48	M	t-1,3-Dichloropropene	0.639	0.631	1.3	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.672	0.638	5.1	99	0.00
50	M	1,1,2-Trichloroethane	0.440	0.437	0.7	104	0.00
51		Ethyl methacrylate	0.686	0.677	1.3	104	0.00
52		1,3-Dichloropropane	0.736	0.720	2.2	99	0.00
53	M	Dibromochloromethane	0.476	0.445	6.5	103	0.00
54	M	1,2-Dibromoethane	0.455	0.443	2.6	102	0.00
55	M	2-Chloroethyl vinyl ether	0.280	0.261	6.8	97	0.00
56	M	Bromoform	0.350	0.303	13.4	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.675	-4.3	101	0.00
59	M	2-Hexanone	0.496	0.523	-5.4	100	0.00
60	S	4-Bromofluorobenzene	0.589	0.591	-0.3	106	0.00
61	M	Tetrachloroethene	0.334	0.337	-0.9	102	0.00
62	M	Toluene	1.942	1.987	-2.3	103	0.00
63	S	Toluene-d8	1.678	1.703	-1.5	101	0.00
64	M	Chlorobenzene	1.204	1.171	2.7	101	0.00
65		1,1,1,2-Tetrachloroethane	0.460	0.467	-1.5	101	0.00
66	M	Ethyl Benzene	2.189	2.175	0.6	101	0.00
67	M	m/p-Xylenes	0.878	0.865	1.5	102	0.00
68	M	o-Xylene	0.882	0.878	0.5	102	0.00
69	M	Styrene	1.443	1.369	5.1	101	0.00
70		Isopropylbenzene	2.299	2.201	4.3	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.749	0.777	-3.7	102	0.00
72		1,2,3-Trichloropropane	0.680	0.697	-2.5	100	0.00
73		Bromobenzene	0.512	0.487	4.9	101	0.00
74		n-propylbenzene	2.575	2.499	3.0	102	0.00
75		2-Chlorotoluene	1.567	1.571	-0.3	104	0.00
76		1,3,5-Trimethylbenzene	1.948	1.952	-0.2	105	0.00
77		t-1,4-Dichloro-2-butene	0.238	0.231	2.9	103	0.00
78		4-Chlorotoluene	1.522	1.475	3.1	104	0.00
79		tert-butylbenzene	1.739	1.661	4.5	100	0.00
80		1,2,4-Trimethylbenzene	1.981	1.904	3.9	101	0.00
81		sec-Butylbenzene	2.445	2.363	3.4	103	0.00
82		p-Isopropyltoluene	2.063	1.922	6.8	101	0.00
83	M	1,3-Dichlorobenzene	1.012	0.947	6.4	104	0.00
84	M	1,4-Dichlorobenzene	0.976	0.946	3.1	111	0.00
85		n-Butylbenzene	1.654	1.502	9.2	102	0.00
86	T	Hexachloroethane	0.382	0.367	3.9	100	0.00
87	M	1,2-Dichlorobenzene	1.001	0.954	4.7	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.157	0.165	-5.1	101	0.00
89		1,2,4-Trichlorobenzene	0.442	0.396	10.4	105	0.00
90		Hexachlorobutadiene	0.203	0.197	3.0	107	0.00
91	M	Naphthalene	1.752	1.673	4.5	110	0.00
92		1,2,3-Trichlorobenzene	0.448	0.403	10.0	103	0.00

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