Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
Data File : VN075013.D
Acq On : 25 Oct 2022 17:59
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 27 10:28:39 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	1.559	-6.8	104	0.00
3	M	Chloromethane	1.921	2.031	-5.7	92	0.00
4	M	Vinyl Chloride	2.905	2.607	10.3	86	0.00
5	M	Bromomethane	2.297	2.271	1.1	92	0.00
6	M	Chloroethane	2.241	2.205	1.6	92	0.00
7	M	Trichlorofluoromethane	3.126	3.128	-0.1	97	-0.01
8	T	Diethyl Ether	1.285	1.393	-8.4	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.832	1.812	1.1	96	0.00
10	M	1,1-Dichloroethene	1.719	1.596	7.2	96	0.00
11		Methyl Iodide	2.681	2.726	-1.7	100	0.00
12		Methyl Acetate	2.912	3.393	-16.5	116	0.00
13	M	Acrolein	0.357	0.336	5.9	88	0.00
14	M	Acrylonitrile	1.203	1.279	-6.3	106	0.00
15	M	Acetone	0.336	0.385	-14.6	114	0.00
16	M	Carbon Disulfide	3.784	3.392	10.4	91	0.00
17		Allyl chloride	2.303	2.162	6.1	91	0.00
18	M	Methylene Chloride	2.153	2.292	-6.5	106	0.00
19	M	trans-1,2-Dichloroethene	1.911	1.798	5.9	96	0.00
20	T	Diisopropyl ether	5.977	6.335	-6.0	106	0.00
21	M	1,1-Dichloroethane	3.712	3.667	1.2	99	0.00
22	M	cis-1,2-Dichloroethene	2.414	2.454	-1.7	102	0.00
23	M	tert-Butyl Alcohol	0.557	0.540	3.1	101	0.02
24	M	Methyl tert-Butyl Ether	7.030	7.866	-11.9	114	0.00
25	M	Chloroform	4.101	4.088	0.3	103	0.00
26		Cyclohexane	2.982	2.756	7.6	96	0.00
27	s	1,2-Dichloroethane-d4	2.743	2.949	-7.5	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.515	0.480	6.8	94	0.00
30	M	2-Butanone	0.297	0.314	-5.7	102	0.00
31		2,2-Dichloropropane	0.629	0.572	9.1	91	0.00
32	M	1,1,1-Trichloroethane	0.666	0.628	5.7	93	0.00
33	M	Carbon Tetrachloride	0.587	0.529	9.9	92	0.01
34	M	Benzene	1.573	1.554	1.2	98	0.00
35		Methacrylonitrile	0.284	0.317	-11.6	113	0.00
36	M	1,2-Dichloroethane	0.583	0.629	-7.9	106	0.00
37	M	Trichloroethene	0.391	0.382	2.3	99	0.00
38		Methylcyclohexane	0.638	0.598	6.3	96	0.00
39	M	1,2-Dichloropropane	0.396	0.405	-2.3	100	0.00
40		Dibromomethane	0.300	0.320	-6.7	110	0.00
41	M	Bromodichloromethane	0.585	0.605	-3.4	104	0.00
42	M	Vinyl Acetate	0.836	0.920	-10.0	108	0.00
43		Ethyl Acetate	0.586	1.066	-81.9#	183#	0.00
44		Isopropyl Acetate	0.940	1.060	-12.8	112	0.00
45	T	1,4-Dioxane	0.012	0.010	16.7	90	0.00
46		Methyl methacrylate	0.422	0.449	-6.4	100	0.00
47		n-amyl Acetate	0.808	0.862	-6.7	109	0.00
48	M	t-1,3-Dichloropropene	0.639	0.645	-0.9	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.672	0.673	-0.1	102	0.00
50	M	1,1,2-Trichloroethane	0.440	0.461	-4.8	107	0.00
51		Ethyl methacrylate	0.686	0.727	-6.0	109	0.00
52		1,3-Dichloropropane	0.736	0.797	-8.3	107	0.00
53	M	Dibromochloromethane	0.476	0.462	2.9	105	0.00
54	M	1,2-Dibromoethane	0.455	0.481	-5.7	109	0.00
55	M	2-Chloroethyl vinyl ether	0.280	0.301	-7.5	110	0.00
56	M	Bromoform	0.350	0.324	7.4	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.720	-11.3	106	0.00
59	M	2-Hexanone	0.496	0.536	-8.1	102	0.00
60	S	4-Bromofluorobenzene	0.589	0.589	0.0	105	0.00
61	M	Tetrachloroethene	0.334	0.328	1.8	98	0.00
62	M	Toluene	1.942	1.909	1.7	98	0.00
63	S	Toluene-d8	1.678	1.664	0.8	98	0.00
64	M	Chlorobenzene	1.204	1.190	1.2	101	0.00
65		1,1,1,2-Tetrachloroethane	0.460	0.456	0.9	97	0.00
66	M	Ethyl Benzene	2.189	2.124	3.0	97	0.00
67	M	m/p-Xylenes	0.878	0.836	4.8	97	0.00
68	M	o-Xylene	0.882	0.858	2.7	98	0.00
69	M	Styrene	1.443	1.380	4.4	101	0.00
70		Isopropylbenzene	2.299	2.174	5.4	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.749	0.810	-8.1	106	0.00
72		1,2,3-Trichloropropane	0.680	0.757	-11.3	108	0.00
73		Bromobenzene	0.512	0.498	2.7	102	0.00
74		n-propylbenzene	2.575	2.547	1.1	103	0.00
75		2-Chlorotoluene	1.567	1.528	2.5	100	0.00
76		1,3,5-Trimethylbenzene	1.948	1.885	3.2	100	0.00
77		t-1,4-Dichloro-2-butene	0.238	0.231	2.9	102	0.00
78		4-Chlorotoluene	1.522	1.473	3.2	103	0.00
79		tert-butylbenzene	1.739	1.639	5.8	98	0.00
80		1,2,4-Trimethylbenzene	1.981	1.880	5.1	98	0.00
81		sec-Butylbenzene	2.445	2.310	5.5	100	0.00
82		p-Isopropyltoluene	2.063	1.954	5.3	102	0.00
83	M	1,3-Dichlorobenzene	1.012	0.965	4.6	105	0.00
84	M	1,4-Dichlorobenzene	0.976	0.933	4.4	108	0.00
85		n-Butylbenzene	1.654	1.656	-0.1	111	0.00
86	T	Hexachloroethane	0.382	0.339	11.3	92	0.00
87	M	1,2-Dichlorobenzene	1.001	0.948	5.3	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.157	0.174	-10.8	105	0.00
89		1,2,4-Trichlorobenzene	0.442	0.438	0.9	115	0.00
90		Hexachlorobutadiene	0.203	0.197	3.0	106	0.00
91	M	Naphthalene	1.752	1.754	-0.1	114	0.00
92		1,2,3-Trichlorobenzene	0.448	0.439	2.0	111	0.00

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