Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
Data File : VN077428.D
Acq On : 21 Apr 2023 17:38
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 22 02:40:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 07 13:04:49 2023
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	94	0.00
2	M	Dichlorodifluoromethane	2.852	2.887	-1.2	103	0.00
3	M	Chloromethane	3.789	2.590	31.6#	70	0.00
4	M	Vinyl Chloride	5.427	3.754	30.8#	71	0.00
5	M	Bromomethane	4.090	3.109	24.0	85	0.02
6	M	Chloroethane	3.638	2.744	24.6	76	0.01
7	M	Trichlorofluoromethane	5.053	5.553	-9.9	114	0.00
8	T	Diethyl Ether	2.154	2.077	3.6	97	0.01
9		1,1,2-Trichlorotrifluoroeth	3.160	3.304	-4.6	106	0.00
10	M	1,1-Dichloroethene	3.161	3.100	1.9	103	0.00
11		Methyl Iodide	3.571	3.915	-9.6	108	0.00
12		Methyl Acetate	4.710	4.298	8.7	93	0.00
13	M	Acrolein	0.585	0.611	-4.4	101	0.00
14	M	Acrylonitrile	1.610	1.388	13.8	89	0.01
15	M	Acetone	0.584	0.385	34.1#	58	0.00
16	M	Carbon Disulfide	8.344	6.968	16.5	87	0.00
17		Allyl chloride	4.069	3.462	14.9	83	0.00
18	M	Methylene Chloride	3.671	3.478	5.3	99	0.00
19	M	trans-1,2-Dichloroethene	3.437	3.324	3.3	101	0.00
20	T	Diisopropyl ether	9.699	8.322	14.2	89	0.00
21	M	1,1-Dichloroethane	6.147	5.823	5.3	98	0.00
22	M	cis-1,2-Dichloroethene	4.190	3.998	4.6	100	0.00
23	M	tert-Butyl Alcohol	0.716	0.603	15.8	82	0.00
24	M	Methyl tert-Butyl Ether	11.381	11.225	1.4	100	0.00
25	M	Chloroform	6.662	6.742	-1.2	105	0.00
26		Cyclohexane	5.342	4.745	11.2	92	0.00
27	s	1,2-Dichloroethane-d4	2.544	2.580	-1.4	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29		1,1-Dichloropropene	0.650	0.633	2.6	98	0.00
30	M	2-Butanone	0.307	0.234	23.8	72	0.00
31		2,2-Dichloropropane	0.798	0.699	12.4	89	0.00
32	M	1,1,1-Trichloroethane	0.800	0.838	-4.7	104	0.00
33	M	Carbon Tetrachloride	0.683	0.699	-2.3	101	0.00
34	M	Benzene	2.011	1.943	3.4	97	0.00
35		Methacrylonitrile	0.290	0.255	12.1	90	0.00
36	M	1,2-Dichloroethane	0.630	0.659	-4.6	103	0.00
37	M	Trichloroethene	0.492	0.496	-0.8	103	0.00
38		Methylcyclohexane	0.881	0.804	8.7	93	0.00
39	M	1,2-Dichloropropane	0.499	0.472	5.4	94	0.00
40		Dibromomethane	0.360	0.362	-0.6	101	0.00
41	M	Bromodichloromethane	0.717	0.714	0.4	99	0.00
42	M	Vinyl Acetate	0.889	0.857	3.6	97	0.00
43		Ethyl Acetate	0.569	0.503	11.6	89	0.00
44		Isopropyl Acetate	1.018	0.872	14.3	84	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	92	0.00
46		Methyl methacrylate	0.438	0.388	11.4	90	0.00
47		n-amyl Acetate	0.890	0.712	20.0	81	0.00
48	M	t-1,3-Dichloropropene	0.803	0.713	11.2	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.854	0.778	8.9	92	0.00
50	M	1,1,2-Trichloroethane	0.522	0.520	0.4	102	0.00
51		Ethyl methacrylate	0.802	0.753	6.1	95	0.00
52		1,3-Dichloropropane	0.872	0.849	2.6	99	0.00
53	M	Dibromochloromethane	0.551	0.537	2.5	99	0.00
54	M	1,2-Dibromoethane	0.524	0.524	0.0	100	0.00
55	M	2-Chloroethyl vinyl ether	0.248	0.277	-11.7	111	0.00
56	M	Bromoform	0.370	0.342	7.6	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.562	0.484	13.9	85	0.00
59	M	2-Hexanone	0.434	0.342	21.2	76	0.00
60	S	4-Bromofluorobenzene	0.519	0.513	1.2	95	0.00
61	M	Tetrachloroethene	0.357	0.354	0.8	103	0.00
62	M	Toluene	2.093	2.067	1.2	100	0.00
63	S	Toluene-d8	1.055	1.048	0.7	96	0.00
64	M	Chlorobenzene	1.272	1.296	-1.9	104	0.00
65		1,1,1,2-Tetrachloroethane	0.468	0.473	-1.1	100	0.00
66	M	Ethyl Benzene	2.319	2.264	2.4	100	0.00
67	M	m/p-Xylenes	0.909	0.877	3.5	100	0.00
68	M	o-Xylene	0.909	0.887	2.4	99	0.00
69	M	Styrene	1.457	1.380	5.3	97	0.00
70		Isopropylbenzene	2.308	2.284	1.0	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.707	0.682	3.5	98	0.00
72		1,2,3-Trichloropropane	0.480	0.510	-6.3	101	0.00
73		Bromobenzene	0.469	0.486	-3.6	105	0.00
74		n-propylbenzene	2.553	2.464	3.5	100	0.00
75		2-Chlorotoluene	1.530	1.480	3.3	98	0.00
76		1,3,5-Trimethylbenzene	1.878	1.743	7.2	94	0.00
77		t-1,4-Dichloro-2-butene	0.245	0.187	23.7	78	0.00
78		4-Chlorotoluene	1.445	1.378	4.6	99	0.00
79		tert-butylbenzene	1.635	1.606	1.8	98	0.00
80		1,2,4-Trimethylbenzene	1.831	1.606	12.3	87	0.00
81		sec-Butylbenzene	2.335	2.234	4.3	96	0.00
82		p-Isopropyltoluene	1.870	1.728	7.6	93	0.00
83	M	1,3-Dichlorobenzene	0.889	0.829	6.7	98	0.00
84	M	1,4-Dichlorobenzene	0.862	0.793	8.0	96	0.00
85		n-Butylbenzene	1.546	1.315	14.9	90	0.00
86	T	Hexachloroethane	0.398	0.353	11.3	91	0.00
87	M	1,2-Dichlorobenzene	0.871	0.854	2.0	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.124	8.1	97	0.00
89		1,2,4-Trichlorobenzene	0.343	0.203	40.8#	68	0.00
90		Hexachlorobutadiene	0.176	0.175	0.6	104	0.00
91	M	Naphthalene	1.309	0.781	40.3#	67	0.00
92		1,2,3-Trichlorobenzene	0.334	0.204	38.9#	68	0.00

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