Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
Data File : VN072647.D
Acq On : 31 May 2022 11:00
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 01 02:46:03 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	72	0.00
2	M	Dichlorodifluoromethane	2.050	2.201	-7.4	70	0.00
3	M	Chloromethane	2.749	3.222	-17.2	87	0.00
4	M	Vinyl Chloride	2.298	2.757	-20.0	86	0.00
5	M	Bromomethane	1.118	1.122	-0.4	78	0.00
6	M	Chloroethane	1.438	1.649	-14.7	78	0.00
7	M	Trichlorofluoromethane	3.293	3.103	5.8	60	0.00
8	T	Diethyl Ether	1.382	1.316	4.8	59	0.00
9		1,1,2-Trichlorotrifluoroeth	1.840	1.811	1.6	61	0.00
10	M	1,1-Dichloroethene	1.807	1.654	8.5	56	0.00
11		Methyl Iodide	1.730	1.384	20.0	51	0.00
12		Methyl Acetate	3.545	3.715	-4.8	69	0.00
13	M	Acrolein	0.406	0.410	-1.0	72	0.00
14	M	Acrylonitrile	1.527	1.533	-0.4	64	0.00
15	M	Acetone	0.393	0.426	-8.4	68	0.00
16	M	Carbon Disulfide	4.955	5.037	-1.7	65	0.00
17		Allyl chloride	3.753	4.088	-8.9	70	0.00
18	M	Methylene Chloride	2.375	2.229	6.1	57	0.00
19	M	trans-1,2-Dichloroethene	1.976	1.878	5.0	58	0.00
20	T	Diisopropyl ether	8.606	10.020	-16.4	79	0.00
21	M	1,1-Dichloroethane	4.381	4.899	-11.8	75	0.00
22	M	cis-1,2-Dichloroethene	2.510	2.954	-17.7	76	0.00
23	M	tert-Butyl Alcohol	0.513	0.467	9.0	63	0.00
24	M	Methyl tert-Butyl Ether	6.941	6.750	2.8	62	0.00
25	M	Chloroform	4.451	4.605	-3.5	71	0.00
26		Cyclohexane	4.132	4.564	-10.5	79	0.00
27	s	1,2-Dichloroethane-d4	2.871	3.277	-14.1	85	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
29		1,1-Dichloropropene	0.567	0.619	-9.2	76	0.00
30	M	2-Butanone	0.382	0.457	-19.6	80	0.00
31		2,2-Dichloropropane	0.575	0.688	-19.7	80	0.00
32	M	1,1,1-Trichloroethane	0.629	0.725	-15.3	79	0.00
33	M	Carbon Tetrachloride	0.559	0.631	-12.9	78	0.00
34	M	Benzene	1.783	1.932	-8.4	75	0.00
35		Methacrylonitrile	0.390	0.453	-16.2	88	0.00
36	M	1,2-Dichloroethane	0.580	0.659	-13.6	79	0.00
37	M	Trichloroethene	0.424	0.418	1.4	69	0.00
38		Methylcyclohexane	0.701	0.683	2.6	70	0.00
39	M	1,2-Dichloropropane	0.476	0.488	-2.5	71	0.00
40		Dibromomethane	0.302	0.275	8.9	63	0.00
41	M	Bromodichloromethane	0.605	0.570	5.8	66	0.00
42	M	Vinyl Acetate	1.247	1.411	-13.2	77	0.00
43		Ethyl Acetate	0.733	0.870	-18.7	83	0.00
44		Isopropyl Acetate	1.142	1.310	-14.7	81	0.00
45	T	1,4-Dioxane	0.010	0.010#	0.0	73	0.00
46		Methyl methacrylate	0.538	0.557	-3.5	77	0.00
47		n-amyl Acetate	0.832	0.839	-0.8	73	0.00
48	M	t-1,3-Dichloropropene	0.653	0.581	11.0	64	0.00

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49	T	cis-1,3-Dichloropropene	0.719	0.643	10.6	62	0.00
50	M	1,1,2-Trichloroethane	0.443	0.381	14.0	59	0.00
51		Ethyl methacrylate	0.748	0.631	15.6	60	0.00
52		1,3-Dichloropropane	0.782	0.683	12.7	60	0.00
53	M	Dibromochloromethane	0.456	0.383	16.0	58	0.00
54	M	1,2-Dibromoethane	0.455	0.377	17.1	57	0.00
55	M	2-Chloroethyl vinyl ether	0.327	0.281	14.1	66	0.00
56	M	Bromoform	0.329	0.368	-11.9	77	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
58	M	4-Methyl-2-Pentanone	0.867	1.038	-19.7	70	0.00
59	M	2-Hexanone	0.618	0.775	-25.4	74	0.00
60	S	4-Bromofluorobenzene	0.527	0.678	-28.7	79	0.00
61	M	Tetrachloroethene	0.397	0.370	6.8	52	0.00
62	M	Toluene	2.106	2.189	-3.9	59	0.00
63	S	Toluene-d8	1.706	1.733	-1.6	62	0.00
64	M	Chlorobenzene	1.224	1.235	-0.9	58	0.00
65		1,1,1,2-Tetrachloroethane	0.482	0.483	-0.2	58	0.00
66	M	Ethyl Benzene	2.323	2.330	-0.3	60	0.00
67	M	m/p-Xylenes	0.844	0.880	-4.3	60	0.00
68	M	o-Xylene	0.840	0.879	-4.6	60	0.00
69	M	Styrene	1.331	1.368	-2.8	61	0.00
70		Isopropylbenzene	2.146	2.599	-21.1	70	0.00
71	M	1,1,2,2-Tetrachloroethane	0.737	1.028	-39.5#	79	0.00
72		1,2,3-Trichloropropane	0.622	0.763	-22.7	68	0.00
73		Bromobenzene	0.472	0.578	-22.5	70	0.00
74		n-propylbenzene	2.427	3.327	-37.1#	81	0.00
75		2-Chlorotoluene	1.472	1.914	-30.0#	77	0.00
76		1,3,5-Trimethylbenzene	1.694	2.172	-28.2	75	0.00
77		t-1,4-Dichloro-2-butene	0.243	0.332	-36.6#	83	0.00
78		4-Chlorotoluene	1.340	1.983	-48.0#	87	0.00
79		tert-butylbenzene	1.482	2.008	-35.5#	77	0.00
80		1,2,4-Trimethylbenzene	1.635	2.138	-30.8#	75	0.00
81		sec-Butylbenzene	2.144	2.625	-22.4	74	0.00
82		p-Isopropyltoluene	1.662	2.129	-28.1	77	0.00
83	M	1,3-Dichlorobenzene	0.818	1.003	-22.6	75	0.00
84	M	1,4-Dichlorobenzene	0.795	1.121	-41.0#	86	0.00
85		n-Butylbenzene	1.366	1.893	-38.6#	89	0.00
86	T	Hexachloroethane	0.331	0.526	-58.9#	96	0.00
87	M	1,2-Dichlorobenzene	0.808	1.160	-43.6#	84	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.206	-44.1#	89	0.00
89		1,2,4-Trichlorobenzene	0.399	0.558	-39.8#	87	0.00
90		Hexachlorobutadiene	0.200	0.305	-52.5#	87	0.00
91	M	Naphthalene	1.399	1.823	-30.3#	85	0.00
92		1,2,3-Trichlorobenzene	0.407	0.563	-38.3#	84	0.00

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