Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
Data File : VN074081.D
Acq On : 23 Aug 2022 20:32
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 24 01:22:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	137	0.00
2	M	Dichlorodifluoromethane	20.000	18.458	7.7	125	0.00
3	M	Chloromethane	20.000	17.919	10.4	117	0.00
4	M	Vinyl Chloride	20.000	15.336	23.3	104	0.00
5	M	Bromomethane	20.000	17.365	13.2	102	0.00
6	M	Chloroethane	20.000	14.590	27.1#	98	-0.01
7	M	Trichlorofluoromethane	20.000	21.397	-7.0	148	0.00
8	T	Diethyl Ether	20.000	19.013	4.9	137	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.526	7.4	129	0.00
10	M	1,1-Dichloroethene	20.000	19.320	3.4	136	0.00
11		Methyl Iodide	20.000	17.641	11.8	133	0.00
12		Methyl Acetate	20.000	21.542	-7.7	148	0.00
13	M	Acrolein	100.000	79.251	20.7	108	0.00
14	M	Acrylonitrile	100.000	99.592	0.4	135	0.00
15	M	Acetone	100.000	106.579	-6.6	147	0.00
16	M	Carbon Disulfide	20.000	17.405	13.0	123	0.00
17		Allyl chloride	20.000	17.823	10.9	127	0.00
18	M	Methylene Chloride	20.000	18.704	6.5	132	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.806	6.0	131	0.00
20	T	Diisopropyl ether	20.000	18.293	8.5	126	0.00
21	M	1,1-Dichloroethane	20.000	18.523	7.4	129	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.926	5.4	136	0.00
23	M	tert-Butyl Alcohol	100.000	108.685	-8.7	154	0.02
24	M	Methyl tert-Butyl Ether	20.000	19.434	2.8	139	0.00
25	M	Chloroform	20.000	18.965	5.2	129	0.00
26		Cyclohexane	20.000	17.258	13.7	122	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.088	3.0	128	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	145	0.00
29		1,1-Dichloropropene	20.000	17.421	12.9	128	0.00
30	M	2-Butanone	100.000	92.776	7.2	134	0.00
31		2,2-Dichloropropane	20.000	11.821	40.9#	87	0.00
32	M	1,1,1-Trichloroethane	20.000	18.350	8.2	132	0.00
33	M	Carbon Tetrachloride	20.000	18.301	8.5	136	0.00
34	M	Benzene	20.000	17.825	10.9	128	0.00
35		Methacrylonitrile	20.000	19.638	1.8	126	0.00
36	M	1,2-Dichloroethane	20.000	17.779	11.1	126	0.00
37	M	Trichloroethene	20.000	18.297	8.5	137	0.00
38		Methylcyclohexane	20.000	16.662	16.7	126	0.00
39	M	1,2-Dichloropropane	20.000	17.618	11.9	126	0.00
40		Dibromomethane	20.000	17.947	10.3	129	0.00
41	M	Bromodichloromethane	20.000	17.958	10.2	130	0.00
42	M	Vinyl Acetate	100.000	86.710	13.3	127	0.00
43		Ethyl Acetate	20.000	18.988	5.1	147	0.00
44		Isopropyl Acetate	20.000	17.522	12.4	128	0.00
45	T	1,4-Dioxane	400.000	408.712	-2.2	148	0.00
46		Methyl methacrylate	20.000	17.514	12.4	130	0.00
47		n-amyl Acetate	20.000	17.344	13.3	134	0.00
48	M	t-1,3-Dichloropropene	20.000	16.271	18.6	128	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	16.492	17.5	124	0.00
50	M	1,1,2-Trichloroethane	20.000	18.304	8.5	135	0.00
51		Ethyl methacrylate	20.000	18.204	9.0	140	0.00
52		1,3-Dichloropropane	20.000	17.859	10.7	132	0.00
53	M	Dibromochloromethane	20.000	18.432	7.8	139	0.00
54	M	1,2-Dibromoethane	20.000	18.308	8.5	137	0.00
55	M	2-Chloroethyl vinyl ether	100.000	107.375	-7.4	162	0.00
56	M	Bromoform	20.000	18.870	5.6	154	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	138	0.00
58	M	4-Methyl-2-Pentanone	100.000	95.737	4.3	128	0.00
59	M	2-Hexanone	100.000	97.415	2.6	132	0.00
60	S	4-Bromofluorobenzene	30.000	30.016	-0.1	140	0.00
61	M	Tetrachloroethene	20.000	17.127	14.4	118	0.00
62	M	Toluene	20.000	18.754	6.2	128	0.00
63	S	Toluene-d8	30.000	29.812	0.6	132	0.00
64	M	Chlorobenzene	20.000	19.165	4.2	136	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.377	3.1	138	0.00
66	M	Ethyl Benzene	20.000	18.222	8.9	129	0.00
67	M	m/p-Xylenes	40.000	38.151	4.6	133	0.00
68	M	o-Xylene	20.000	18.859	5.7	134	0.00
69	M	Styrene	20.000	18.716	6.4	132	0.00
70		Isopropylbenzene	20.000	18.819	5.9	133	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.987	0.1	137	0.00
72		1,2,3-Trichloropropane	20.000	20.235	-1.2	154	0.00
73		Bromobenzene	20.000	19.702	1.5	144	0.00
74		n-propylbenzene	20.000	17.841	10.8	128	0.00
75		2-Chlorotoluene	20.000	18.932	5.3	132	0.00
76		1,3,5-Trimethylbenzene	20.000	18.622	6.9	130	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.716	21.4	119	0.00
78		4-Chlorotoluene	20.000	18.487	7.6	132	0.00
79		tert-butylbenzene	20.000	19.220	3.9	138	0.00
80		1,2,4-Trimethylbenzene	20.000	18.714	6.4	131	0.00
81		sec-Butylbenzene	20.000	17.887	10.6	129	0.00
82		p-Isopropyltoluene	20.000	18.104	9.5	133	0.00
83	M	1,3-Dichlorobenzene	20.000	18.824	5.9	138	0.00
84	M	1,4-Dichlorobenzene	20.000	18.719	6.4	136	0.00
85		n-Butylbenzene	20.000	16.399	18.0	127	0.00
86	T	Hexachloroethane	20.000	18.131	9.3	134	0.00
87	M	1,2-Dichlorobenzene	20.000	19.532	2.3	138	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.073	-0.4	143	0.00
89		1,2,4-Trichlorobenzene	20.000	19.884	0.6	162	0.00
90		Hexachlorobutadiene	20.000	20.185	-0.9	153	0.00
91	M	Naphthalene	20.000	21.826	-9.1	171	0.00
92		1,2,3-Trichlorobenzene	20.000	20.966	-4.8	162	0.00

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