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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	103	0.00
2	M	Dichlorodifluoromethane	20.000	20.879	-4.4	102	0.00
3	M	Chloromethane	20.000	20.680	-3.4	91	0.00
4	M	Vinyl Chloride	20.000	20.788	-3.9	100	0.00
5	M	Bromomethane	20.000	22.192	-11.0	104	-0.02
6	M	Chloroethane	20.000	19.868	0.7	93	-0.01
7	M	Trichlorofluoromethane	20.000	21.331	-6.7	103	-0.01
8	T	Diethyl Ether	20.000	20.538	-2.7	101	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.644	-3.2	100	0.00
10	M	1,1-Dichloroethene	20.000	21.205	-6.0	110	0.00
11		Methyl Iodide	20.000	20.204	-1.0	100	0.00
12		Methyl Acetate	20.000	20.889	-4.4	105	0.00
13	M	Acrolein	100.000	99.261	0.7	93	-0.01
14	M	Acrylonitrile	100.000	99.438	0.6	99	0.00
15	M	Acetone	100.000	111.574	-11.6	111	0.00
16	M	Carbon Disulfide	20.000	20.068	-0.3	102	0.00
17		Allyl chloride	20.000	20.552	-2.8	99	-0.01
18	M	Methylene Chloride	20.000	20.357	-1.8	101	-0.01
19	M	trans-1,2-Dichloroethene	20.000	19.770	1.2	102	0.00
20	T	Diisopropyl ether	20.000	19.786	1.1	99	0.00
21	M	1,1-Dichloroethane	20.000	20.729	-3.6	105	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.430	2.9	98	0.00
23	M	tert-Butyl Alcohol	100.000	100.163	-0.2	105	0.01
24	M	Methyl tert-Butyl Ether	20.000	19.848	0.8	102	0.00
25	M	Chloroform	20.000	19.515	2.4	101	0.00
26		Cyclohexane	20.000	19.863	0.7	103	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.103	-3.7	103	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	19.540	2.3	100	0.00
30	M	2-Butanone	100.000	103.642	-3.6	102	0.00
31		2,2-Dichloropropane	20.000	20.307	-1.5	103	0.00
32	M	1,1,1-Trichloroethane	20.000	19.785	1.1	99	0.00
33	M	Carbon Tetrachloride	20.000	18.787	6.1	98	0.00
34	M	Benzene	20.000	20.178	-0.9	102	0.00
35		Methacrylonitrile	20.000	20.451	-2.3	106	0.00
36	M	1,2-Dichloroethane	20.000	20.243	-1.2	101	0.00
37	M	Trichloroethene	20.000	20.142	-0.7	105	0.00
38		Methylcyclohexane	20.000	19.113	4.4	99	0.00
39	M	1,2-Dichloropropane	20.000	19.929	0.4	99	0.00
40		Dibromomethane	20.000	19.900	0.5	105	0.00
41	M	Bromodichloromethane	20.000	19.827	0.9	102	0.00
42	M	Vinyl Acetate	100.000	99.004	1.0	99	0.00
43		Ethyl Acetate	20.000	18.692	6.5	96	0.00
44		Isopropyl Acetate	20.000	20.027	-0.1	101	0.00
45	T	1,4-Dioxane	400.000	408.166	-2.0	108	0.00
46		Methyl methacrylate	20.000	20.039	-0.2	96	0.00
47		n-amyl Acetate	20.000	19.866	0.7	103	0.00
48	M	t-1,3-Dichloropropene	20.000	19.741	1.3	107	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	18.992	5.0	99	0.00
50	M	1,1,2-Trichloroethane	20.000	19.850	0.7	104	0.00
51		Ethyl methacrylate	20.000	19.751	1.2	104	0.00
52		1,3-Dichloropropane	20.000	19.571	2.1	99	0.00
53	M	Dibromochloromethane	20.000	18.684	6.6	103	0.00
54	M	1,2-Dibromoethane	20.000	19.434	2.8	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	93.231	6.8	97	0.00
56	M	Bromoform	20.000	17.357	13.2	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	100.000	104.368	-4.4	101	0.00
59	M	2-Hexanone	100.000	105.395	-5.4	100	0.00
60	S	4-Bromofluorobenzene	30.000	30.061	-0.2	106	0.00
61	M	Tetrachloroethene	20.000	20.209	-1.0	102	0.00
62	M	Toluene	20.000	20.463	-2.3	103	0.00
63	S	Toluene-d8	30.000	30.447	-1.5	101	0.00
64	M	Chlorobenzene	20.000	19.458	2.7	101	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.332	-1.7	101	0.00
66	M	Ethyl Benzene	20.000	19.875	0.6	101	0.00
67	M	m/p-Xylenes	40.000	39.432	1.4	102	0.00
68	M	o-Xylene	20.000	19.906	0.5	102	0.00
69	M	Styrene	20.000	18.970	5.2	101	0.00
70		Isopropylbenzene	20.000	19.145	4.3	100	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.749	-3.7	102	0.00
72		1,2,3-Trichloropropane	20.000	20.482	-2.4	100	0.00
73		Bromobenzene	20.000	19.031	4.8	101	0.00
74		n-propylbenzene	20.000	19.409	3.0	102	0.00
75		2-Chlorotoluene	20.000	20.056	-0.3	104	0.00
76		1,3,5-Trimethylbenzene	20.000	20.044	-0.2	105	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.452	2.7	103	0.00
78		4-Chlorotoluene	20.000	19.379	3.1	104	0.00
79		tert-butylbenzene	20.000	19.096	4.5	100	0.00
80		1,2,4-Trimethylbenzene	20.000	19.219	3.9	101	0.00
81		sec-Butylbenzene	20.000	19.327	3.4	103	0.00
82		p-Isopropyltoluene	20.000	18.640	6.8	101	0.00
83	M	1,3-Dichlorobenzene	20.000	18.714	6.4	104	0.00
84	M	1,4-Dichlorobenzene	20.000	19.383	3.1	111	0.00
85		n-Butylbenzene	20.000	18.154	9.2	102	0.00
86	T	Hexachloroethane	20.000	19.194	4.0	100	0.00
87	M	1,2-Dichlorobenzene	20.000	19.063	4.7	103	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.971	-4.9	101	0.00
89		1,2,4-Trichlorobenzene	20.000	17.897	10.5	105	0.00
90		Hexachlorobutadiene	20.000	19.383	3.1	107	0.00
91	M	Naphthalene	20.000	19.097	4.5	110	0.00
92		1,2,3-Trichlorobenzene	20.000	18.001	10.0	103	0.00

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